

SONY®

カラービデオカメラ

COLOR VIDEO CAMERA

DXC-637/637P

ズームレンズ

ZOOM LENS

VCL-916BYA

SERVICE MANUAL

Vol. 2 (1st Edition)

Hyper HAD™

- エレクトロニックビューファインダーDXF-601のサービス情報については、別途発行のDXF-601のサービスマニュアル(9-977-229-01)をご覧ください。
- カメラマイクホルダーCAC-12の補修部品については、別途発行のCAC-12の部品価格表(9-967-251-71)をご覧ください。
- 三脚アタッチメントVCT-U14の補修部分については、別途発行のVCT-U14のサービスマニュアル(9-977-221-01)をご覧ください。






- On service information for the DXF-601/601CE electronic viewfinder, please see the DXF-601/601CE service manual (9-977-229-01) available separately.
- On service information for the CAC-12 microphone holder, please see the CAC-12 service manual (9-967-252-01) available separately.
- On service information for the VCT-U14 tripod attachment, please see the VCT-U14 service manual (9-977-221-01) available separately.

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| DUS-852 | |
| CN-1107 | |
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C. SEMICONDUCTOR

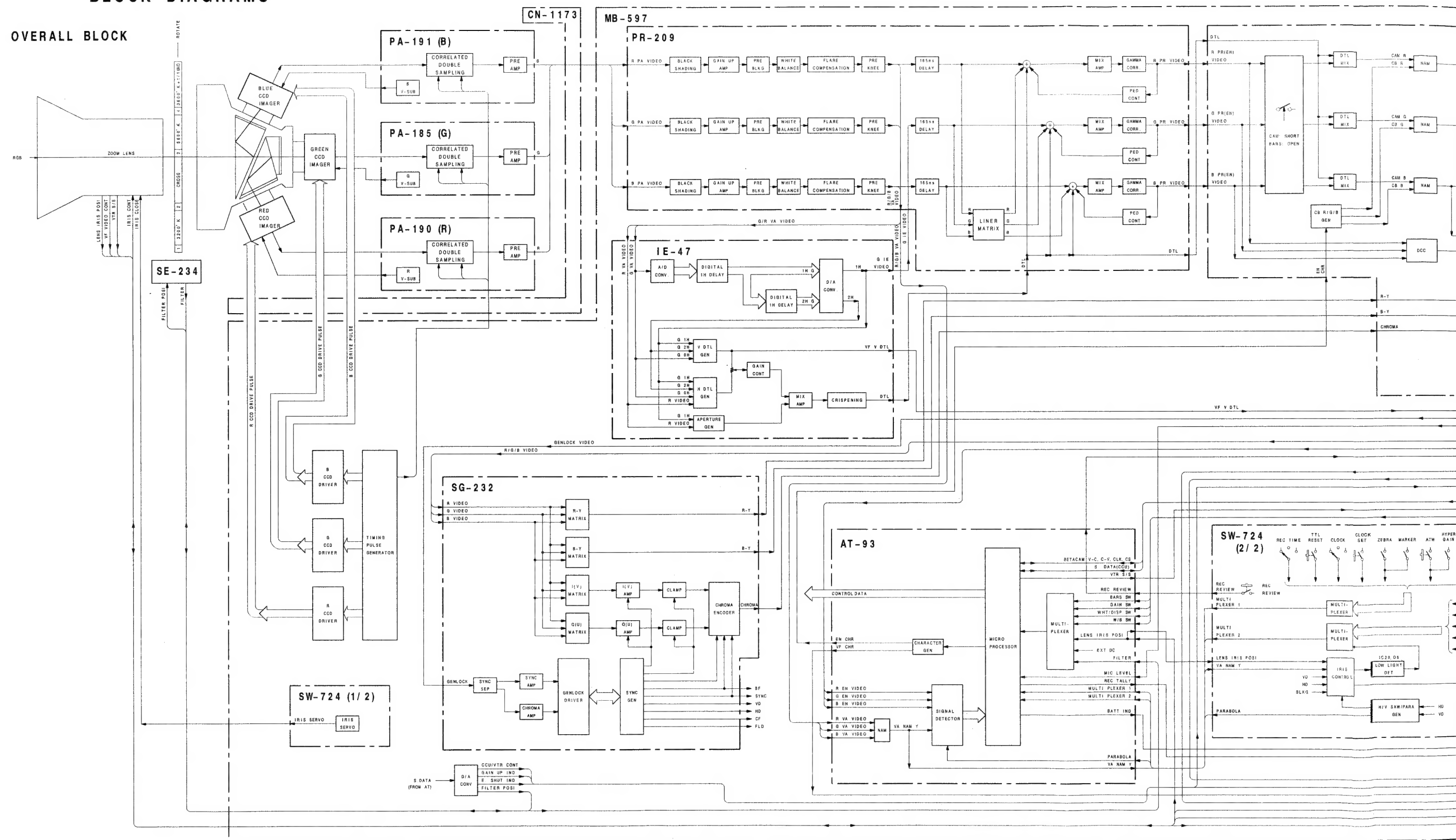
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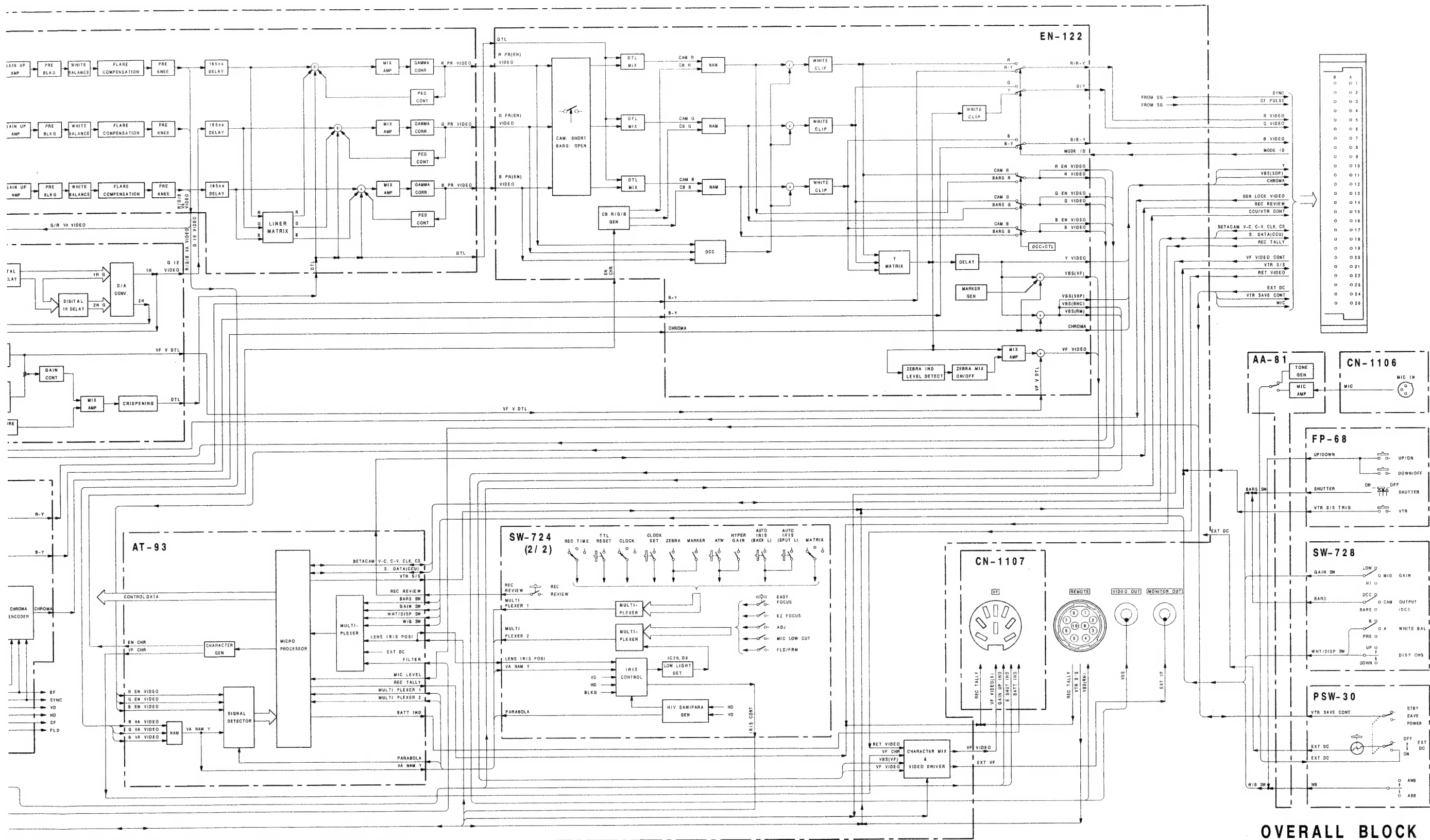
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SECTION A BLOCK DIAGRAMS

OVERALL BLOCK

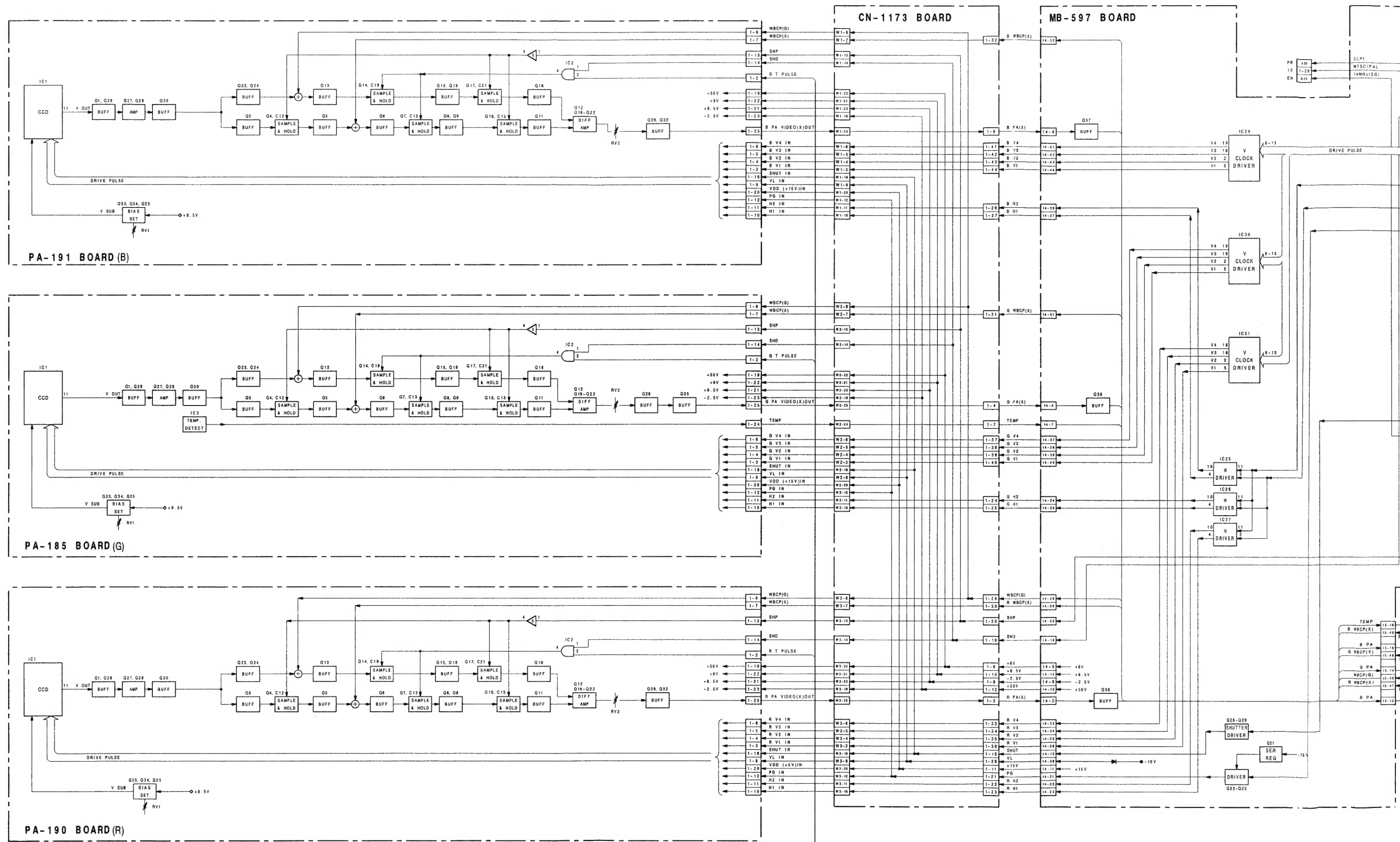


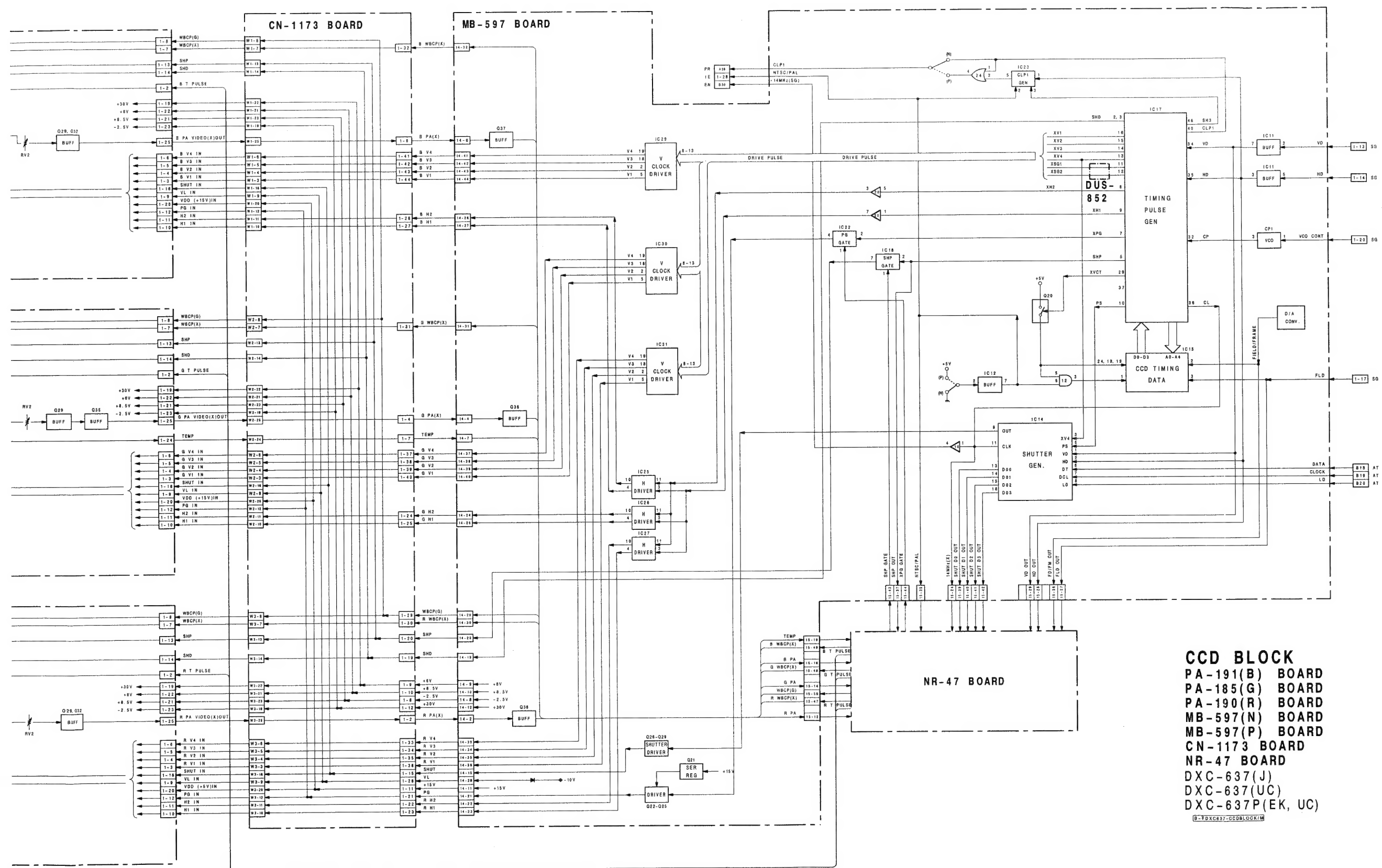
DXC-637 (J)
DXC-637 (UC)
DXC-637P(EK)



OVERALL BLOCK
 DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)
 (B-1020637-00000000)

CCD BLOCK

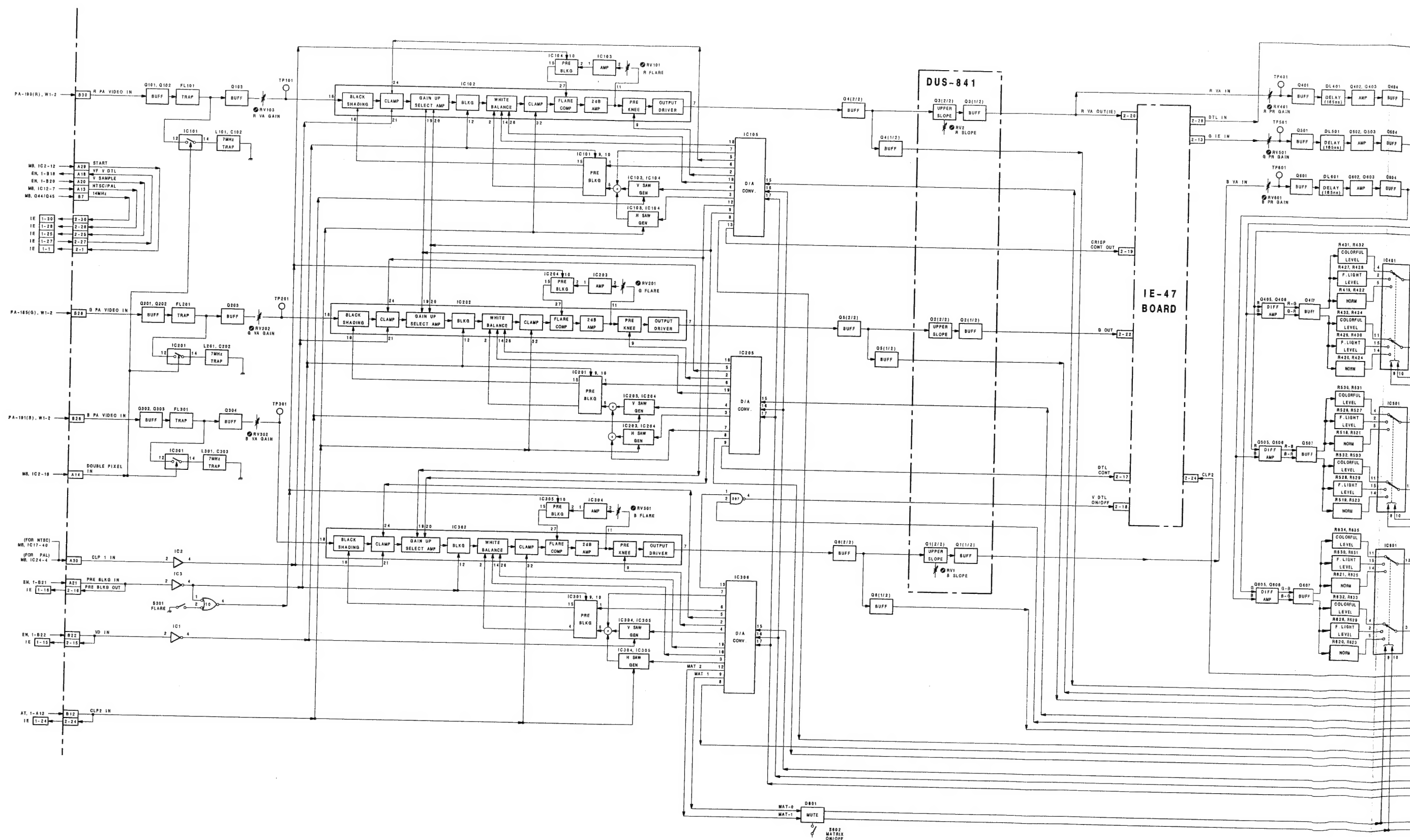




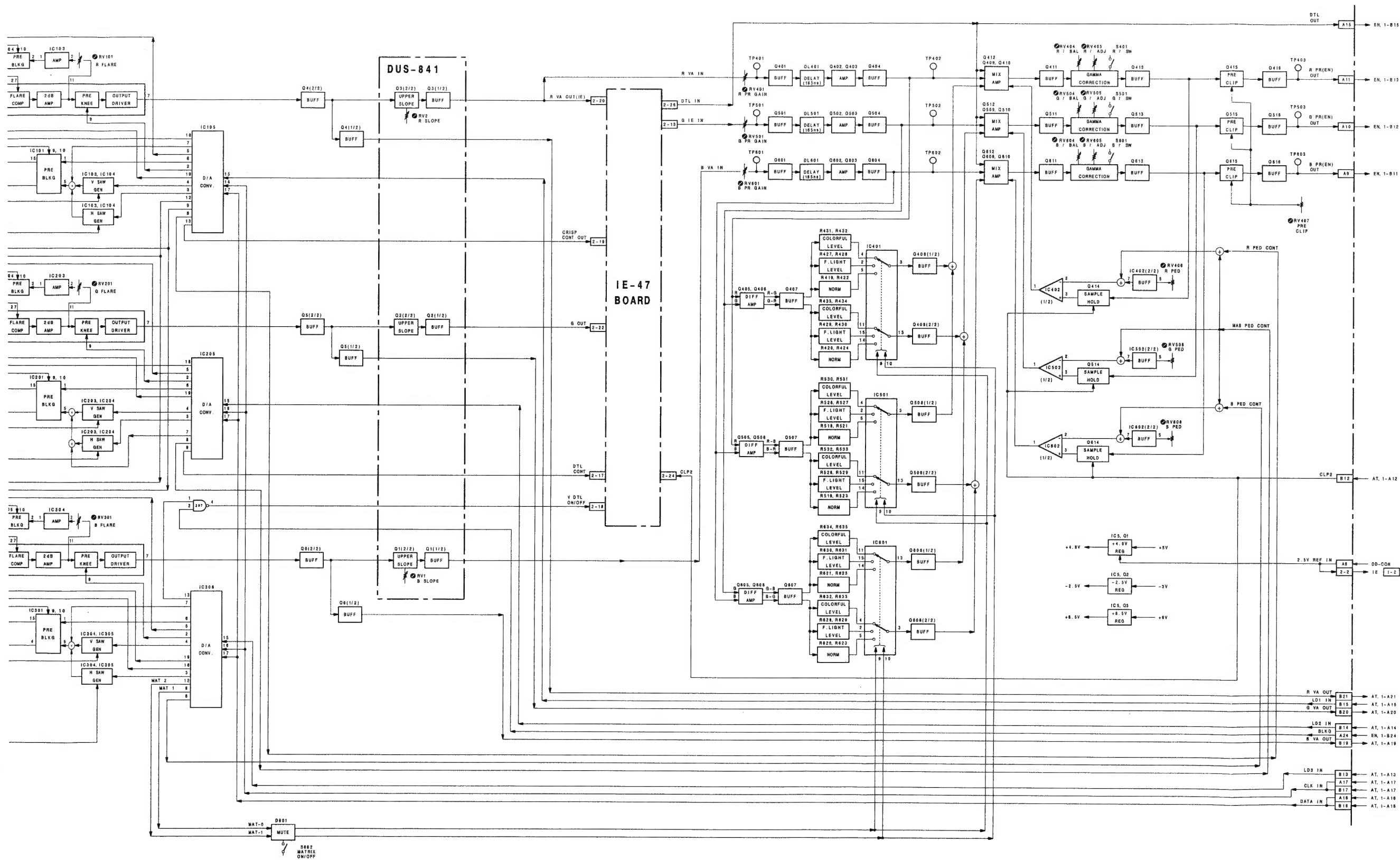
CCD BLOCK
 PA-191(B) BOARD
 PA-185(G) BOARD
 PA-190(R) BOARD
 MB-597(N) BOARD
 MB-597(P) BOARD
 CN-1173 BOARD
 NR-47 BOARD
 DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)

8-70X637-CCDBLOCKIM

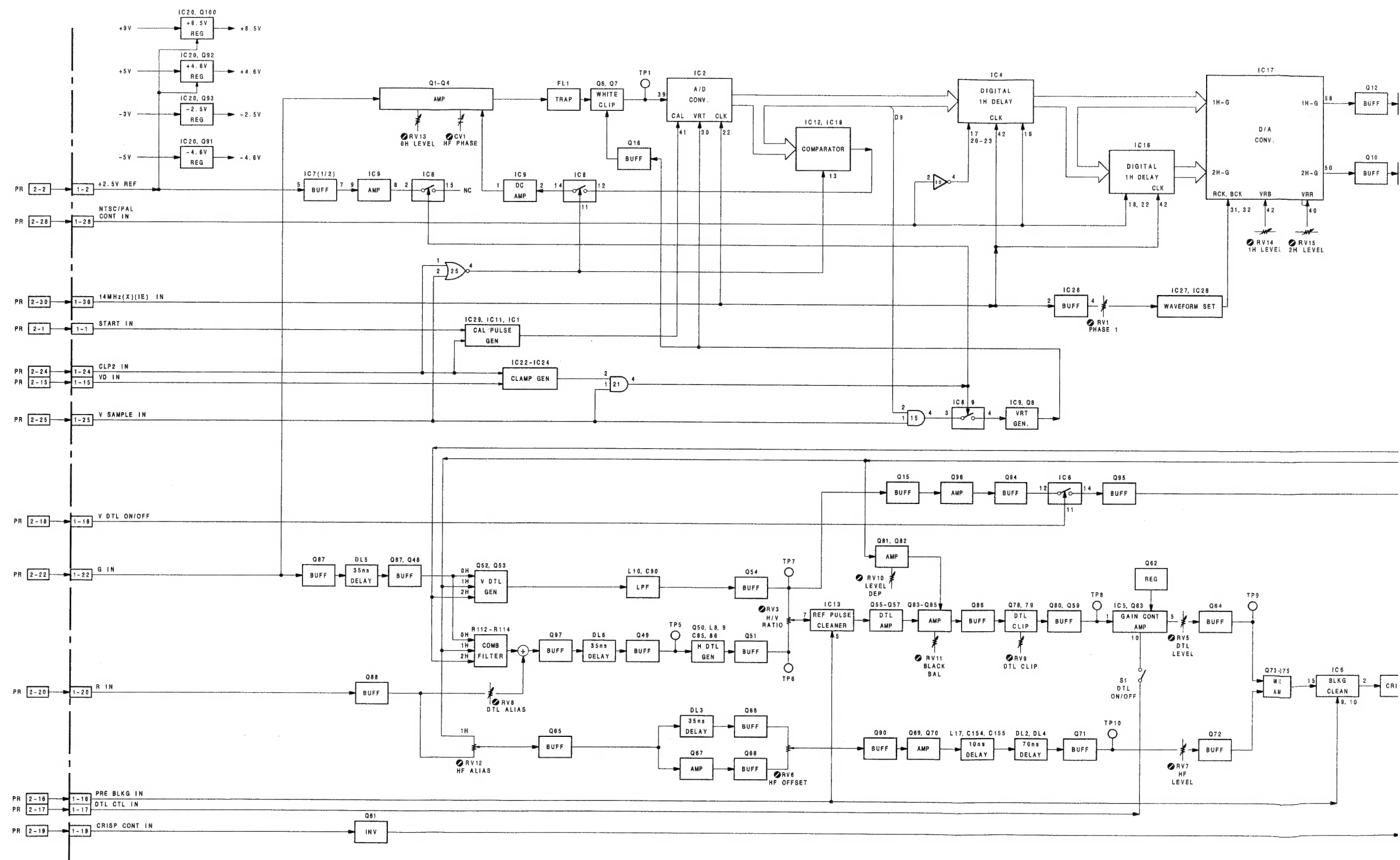
PR-209 BLOCK
DUS-841 BLOCK

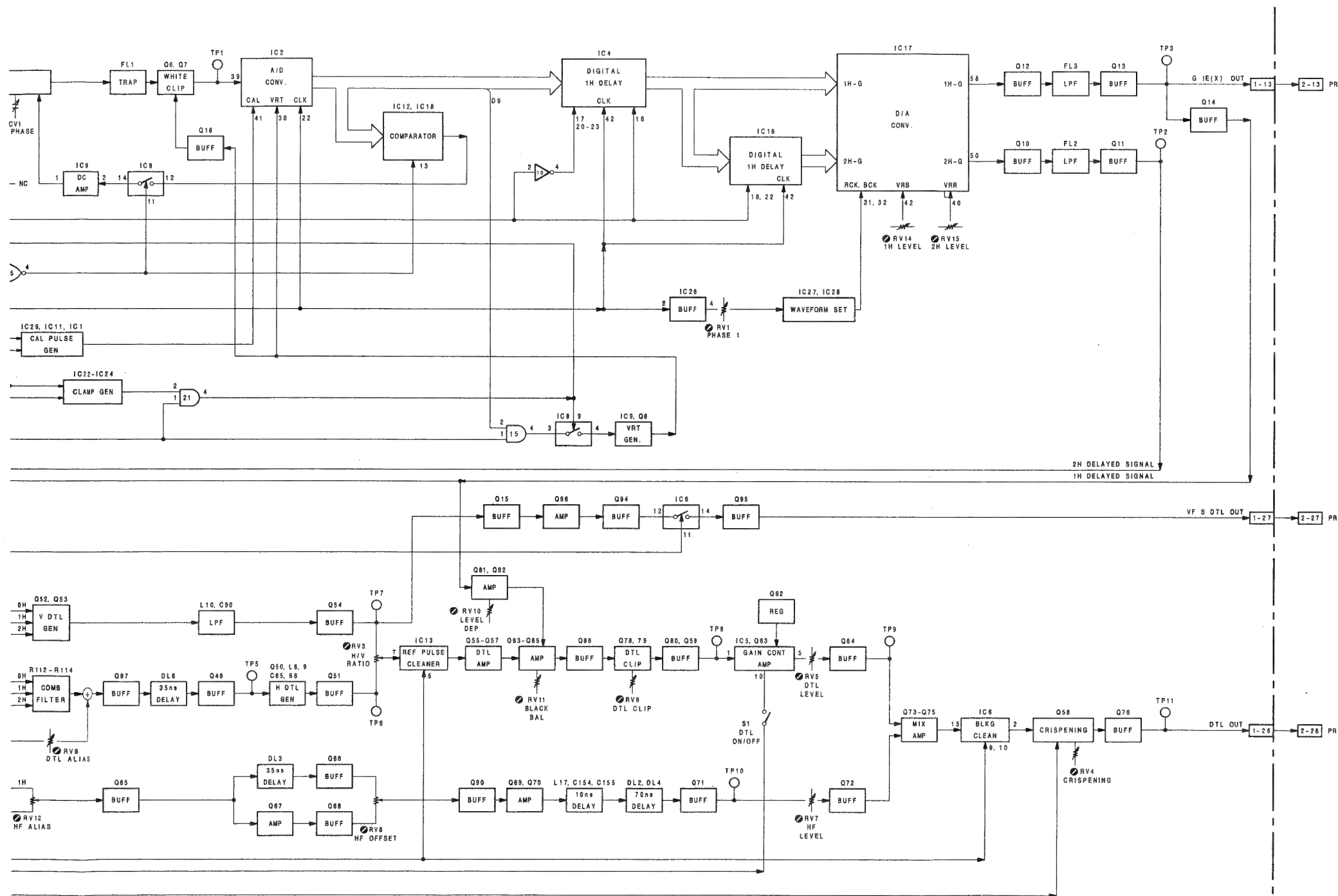


DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)



PR-209 BLOCK
DUS-841 BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)
B-YXC637-PR209BLOCK-DUS841

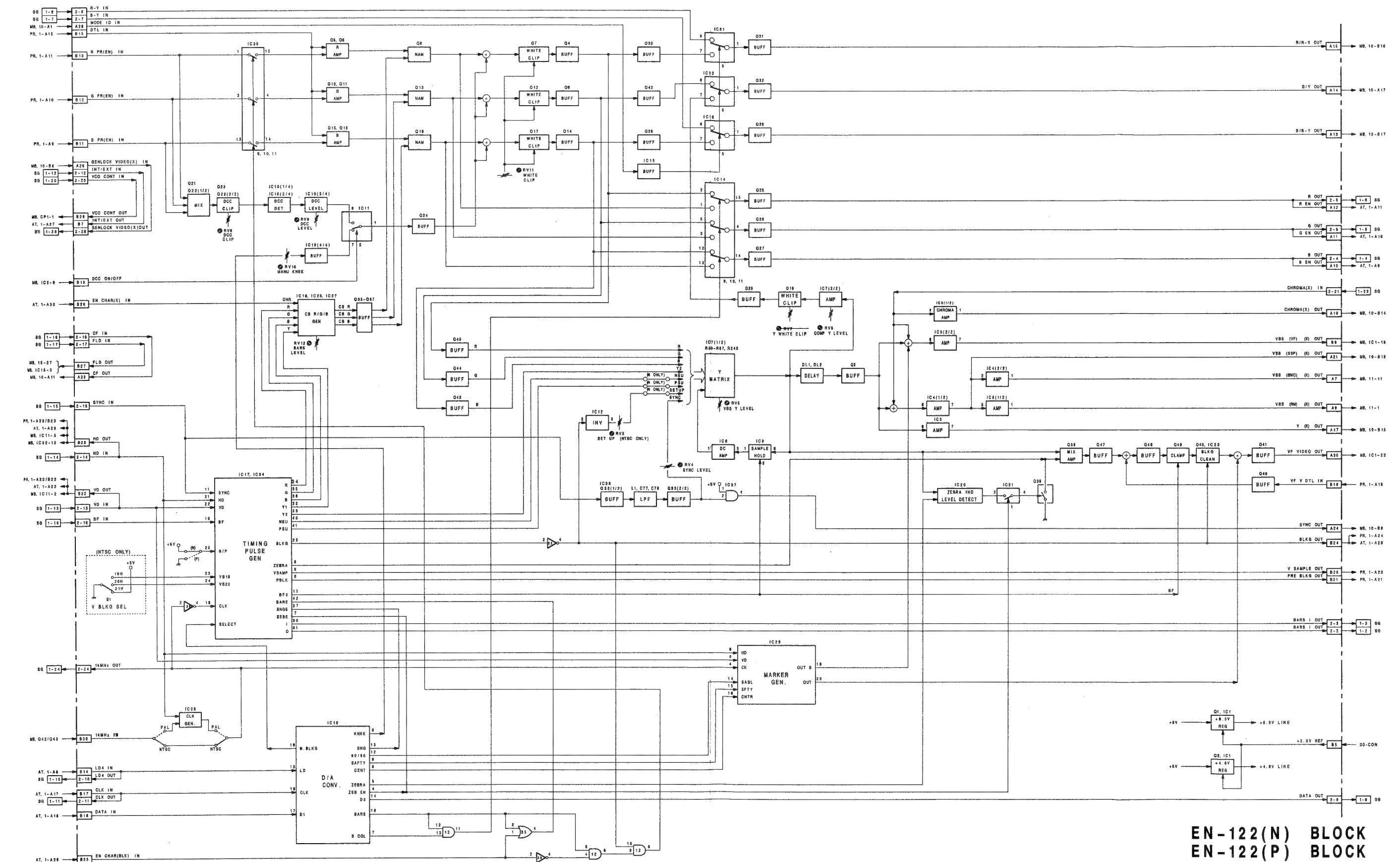




IE-47 BLOCK
 DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)
 (E-K)DXC637-IE47BLOCK/M

| | |
|--------------|--------------|
| EN-122 BLOCK | EN-122 BLOCK |
|--------------|--------------|

EN-122 BLOCK



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

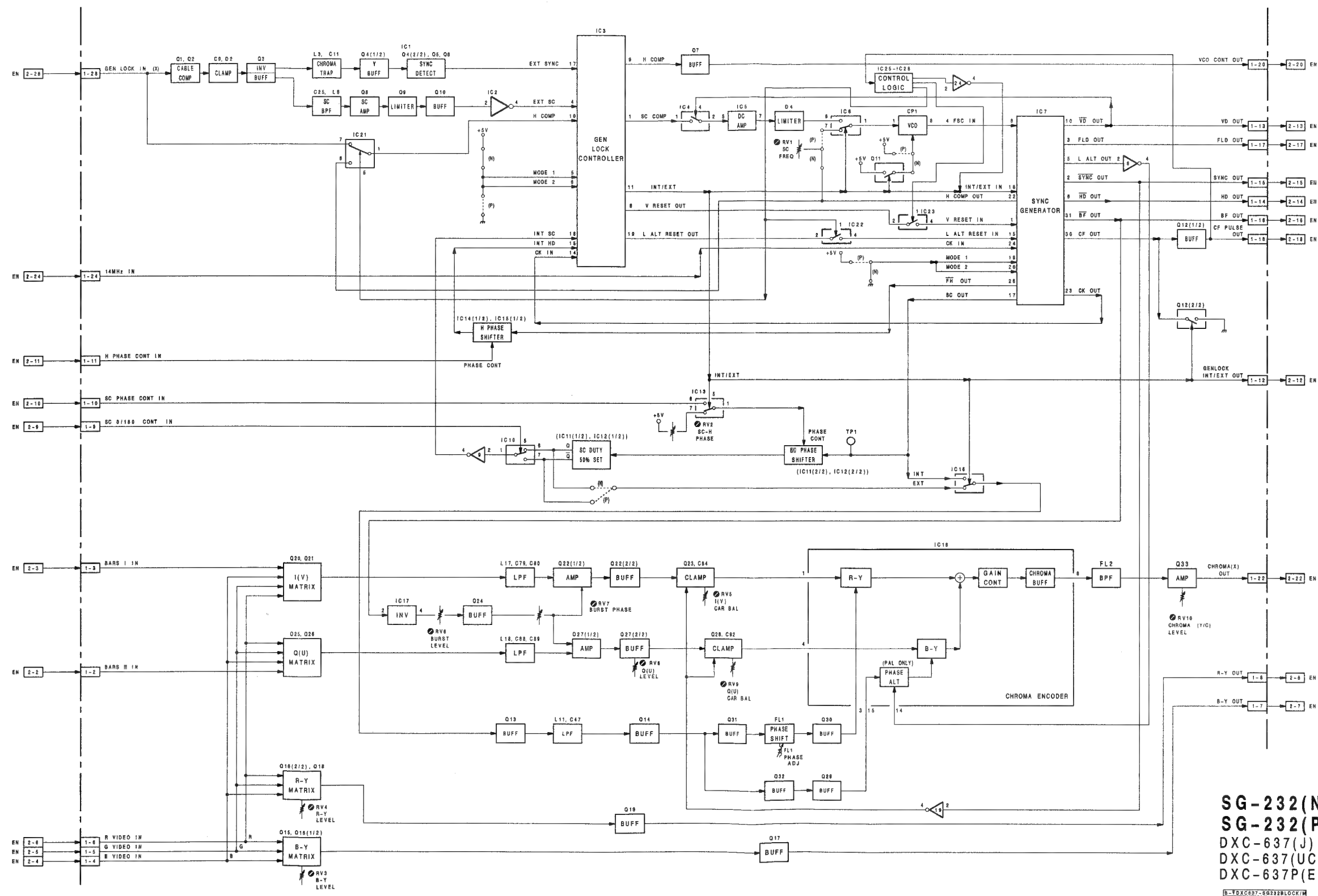
A-5

EN-122(N) BLOCK
EN-122(P) BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)
B-YDXC637-EN122BLOCK/M

A - 5

SG-232 BLOCK SG-232 BLOCK

SG-232 BLOCK

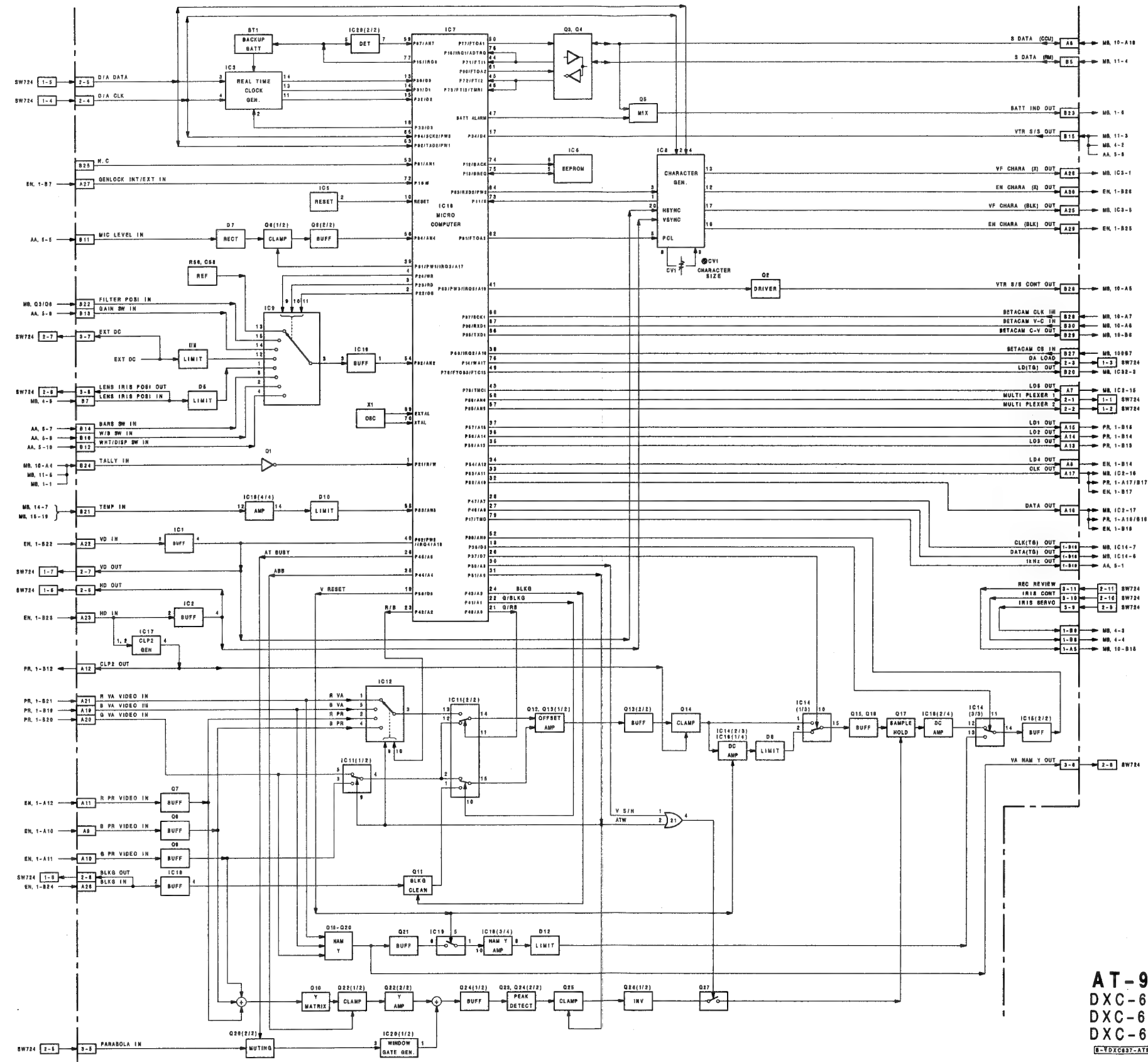


SG-232(N) BLOCK
SG-232(P) BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK)

B-VDC637-SG232BLOCKM

AT-93 BLOCK AT-93 BLOCK

AT-93 BLOCK

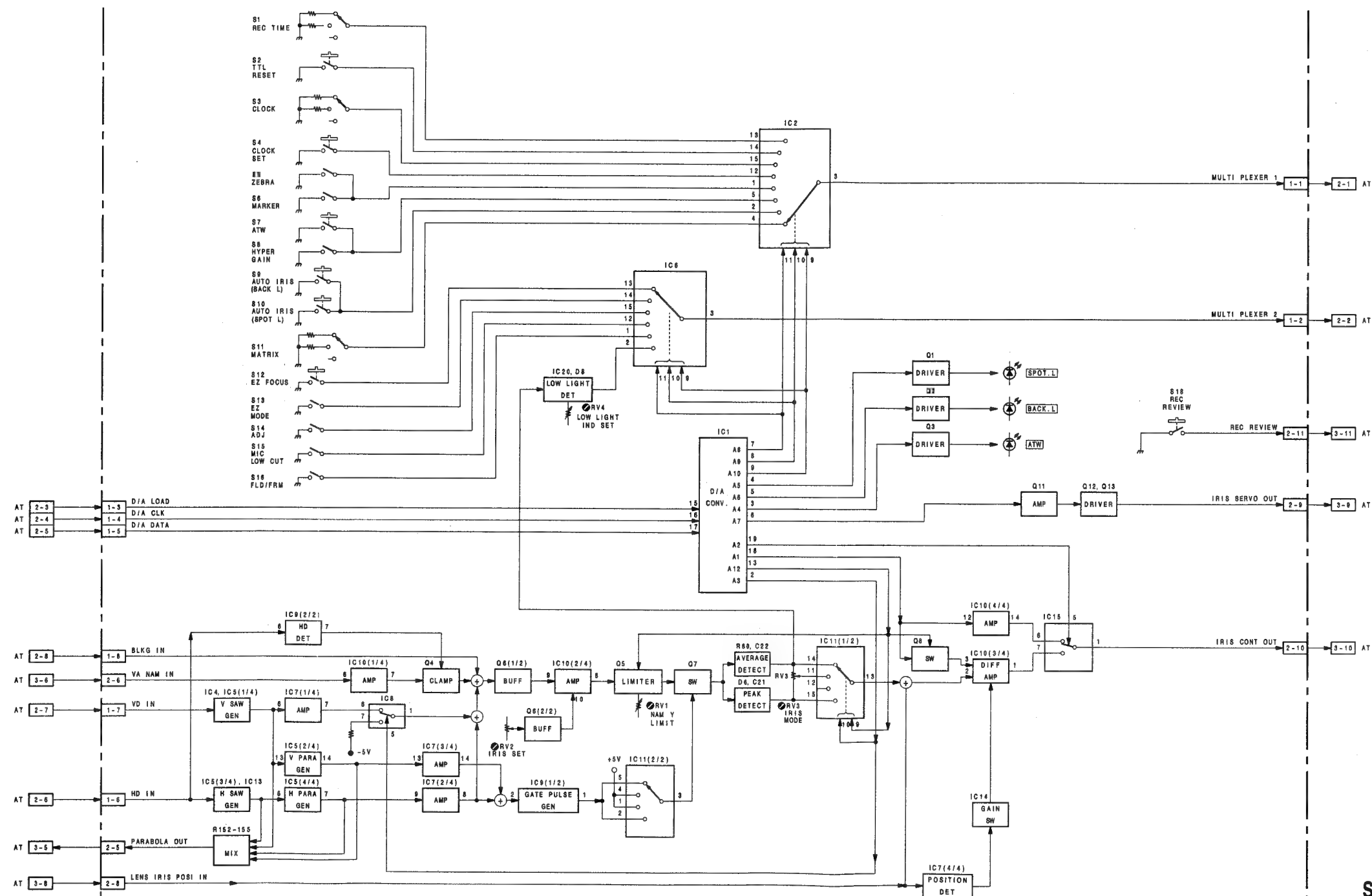


AT-93 BLOCK
 DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)
 (S-VDC637-AT93BLOCK)

DXC-637 (J)
 DXC-637 (UC)
 DXC-637P(EK)

SW-724 BLOCK SW-724 BLOCK

SW-724 BLOCK

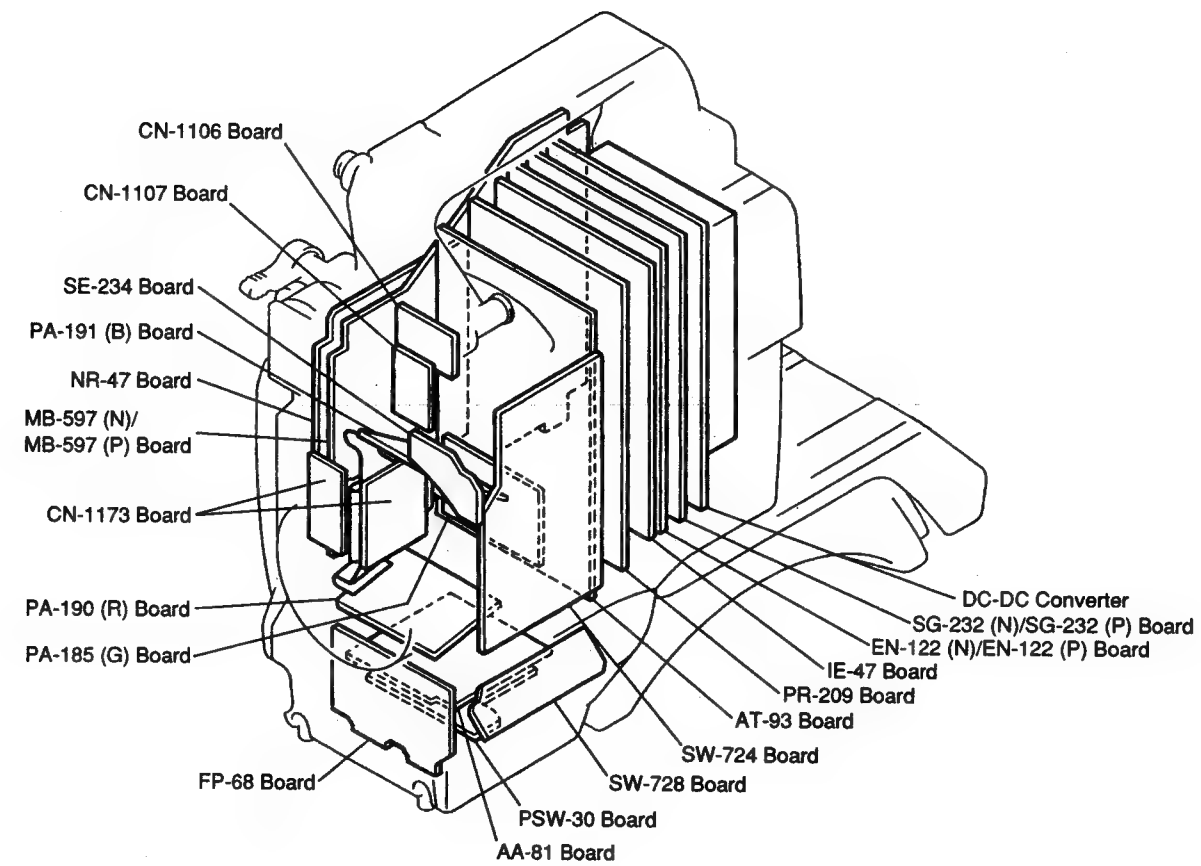


SW-724 BLOCK
 DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)

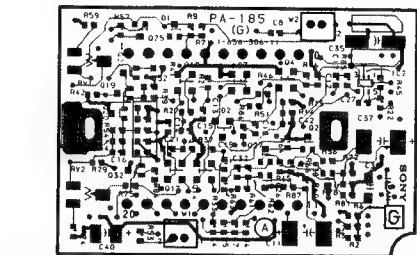
8-7DXC637-SW724BLOCK/JM

SECTION B

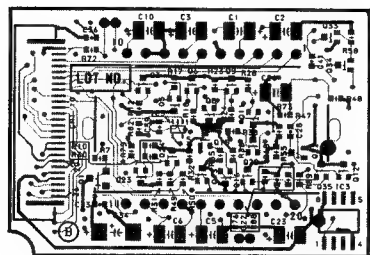
SCHEMATIC DIAGRAMS AND BOARD ILLUSTRATIONS



PA-185 BOARD

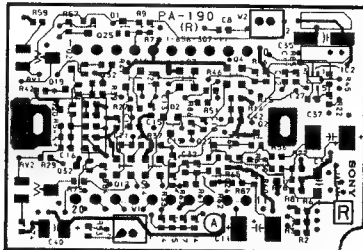


1-656-306-11 COMPONENT SIDE

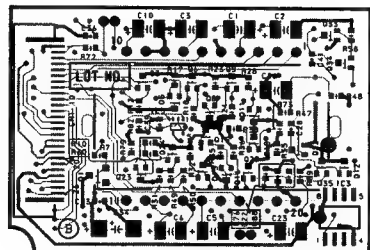


1-656-306-11 SOLDERING SIDE

PA-190 BOARD

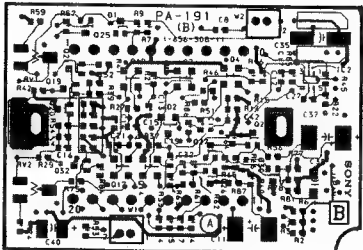


1-656-307-11 COMPONENT SIDE

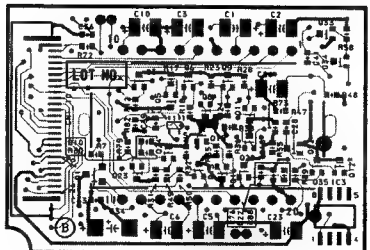


1-656-307-11 SOLDERING SIDE

PA-191 BOARD



1-656-308-11 COMPONENT SIDE



1-656-308-11 SOLDERING SIDE

CCD BLOCK

DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B-3

B-3

A

B

C

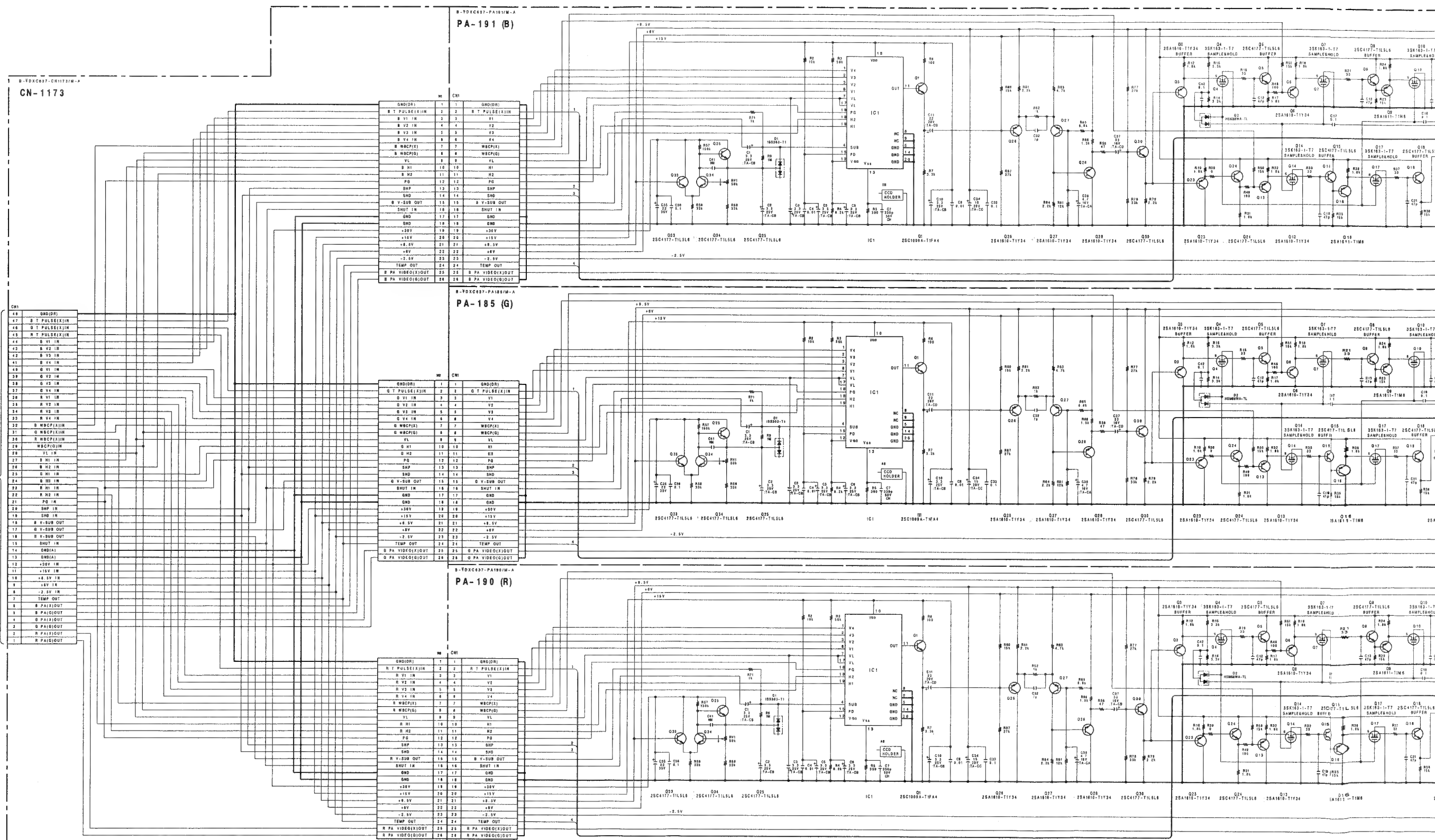
D

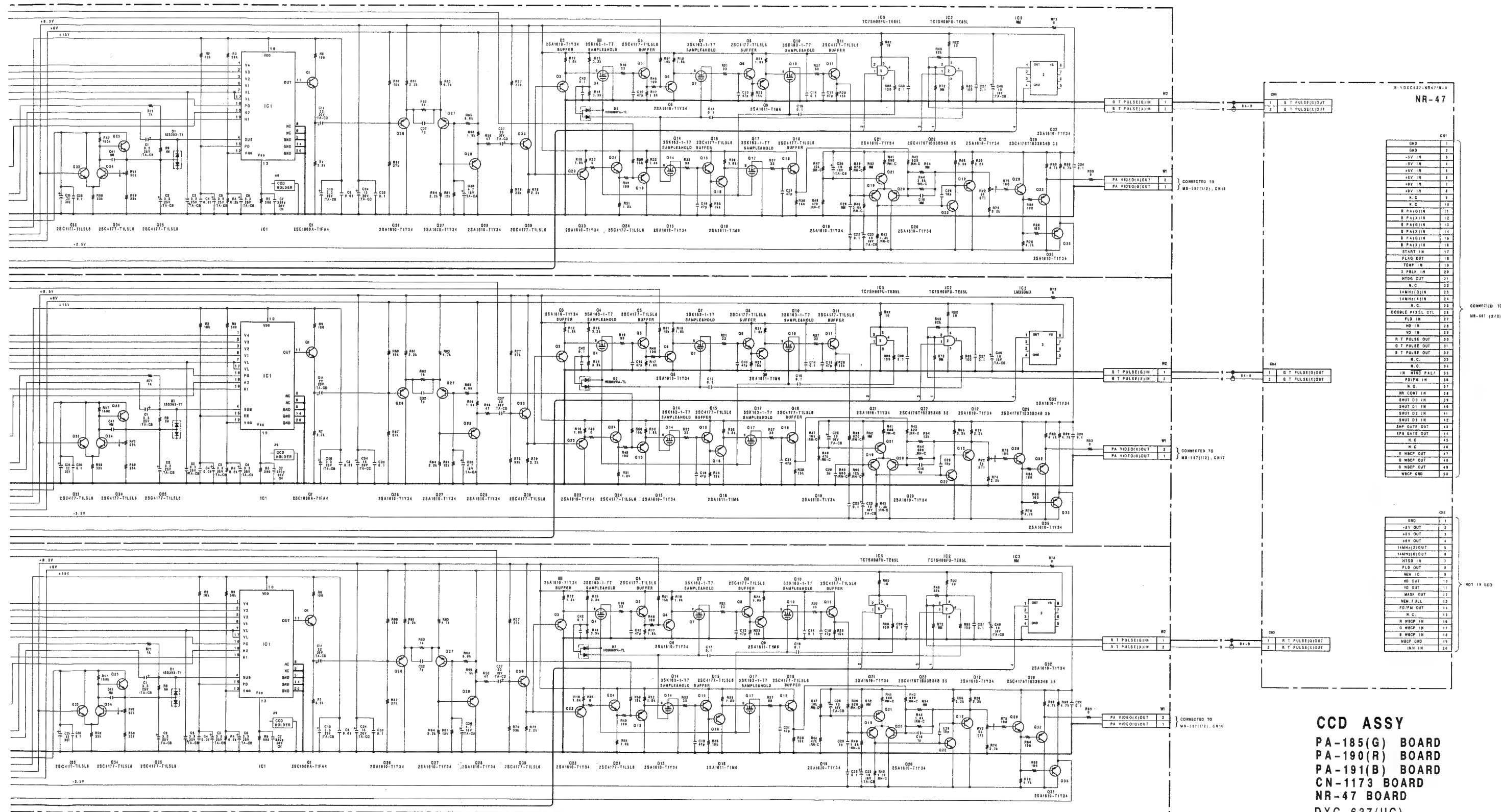
E

F

G

H





CCD ASSY

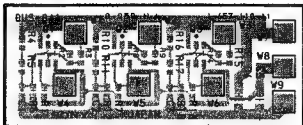
PA-185(G) BOARD
PA-190(R) BOARD
PA-191(B) BOARD
CN-1173 BOARD
NR-47 BOARD

DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)

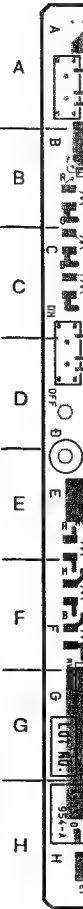
A-DXC837-CCDASSY/M
B-YDXC837-PA185/M-A
B-YDXC837-PA190/M-A
B-YDXC837-PA191/M-A
B-YDXC837-CN1173/M-A
B-YDXC837-NR47/M-A

DUS-841 BOARD

PR-209



1-657-110-11 COMPONENT SIDE



PR-209 (1

•: B SIDE

CN1 C-
CN2 E-

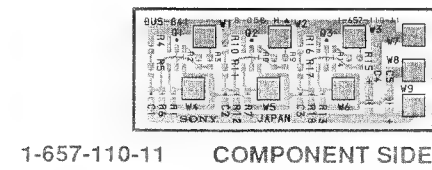
DL401 E-
DL501 E-
DL601 E-
D1 F-
D2 F-
•D401 G-
•D501 G-
•D601 E-
•D602 G-

E1 H-

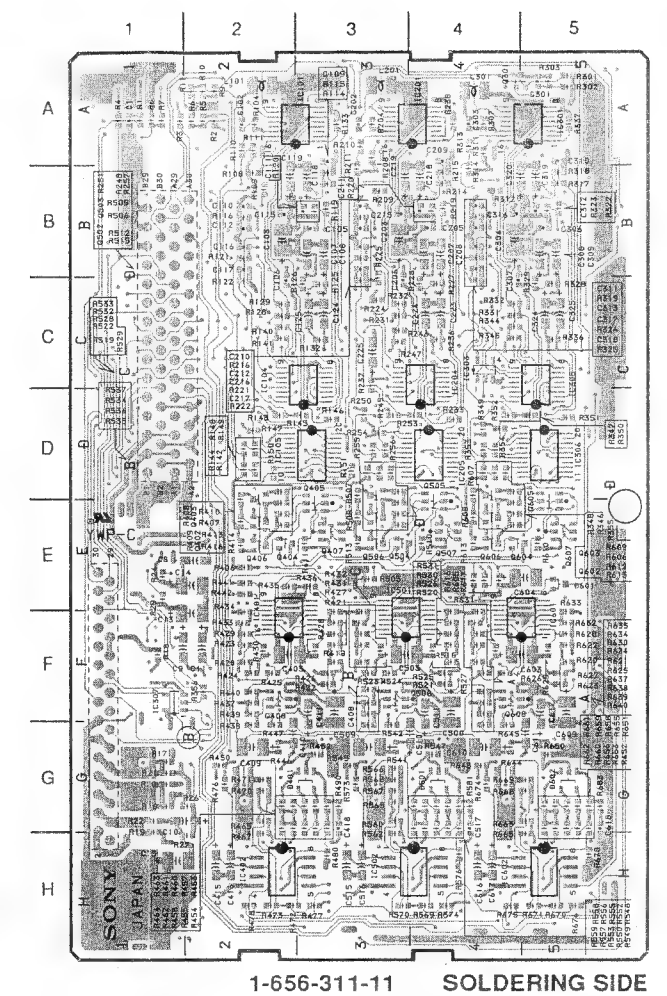
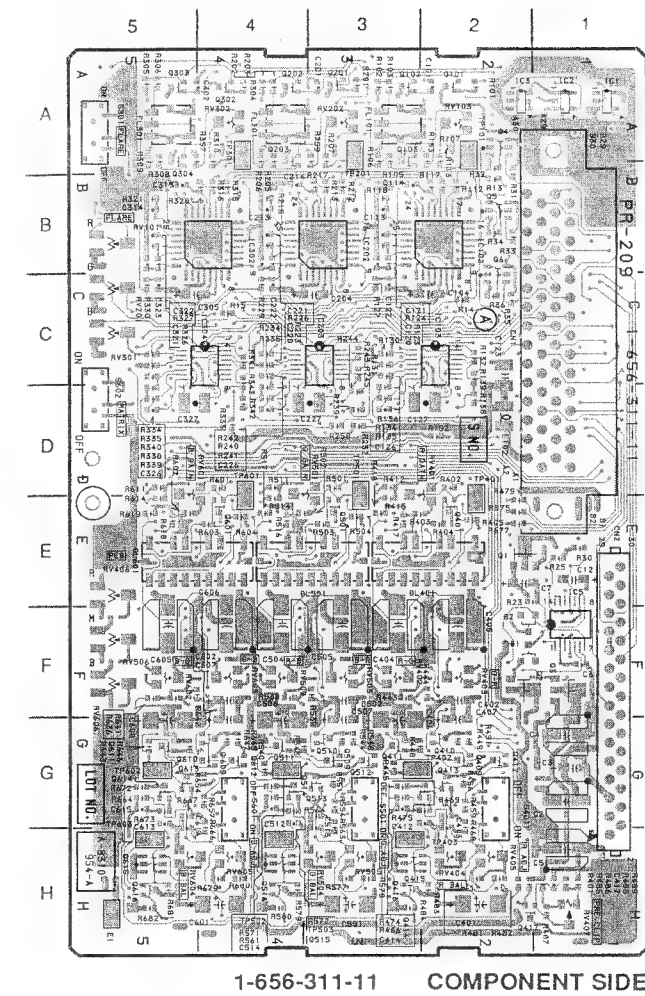
FL101 A-
FL201 A-
FL301 A-

IC1 A-

DUS-841 BOARD



PR-209 BOARD



PR-209 (1-656-311-11)

*: B SIDE

| | | | | | | | |
|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|
| CN1 C-2 | IC2 A-1 | *IC401 F-2 | Q103 A-3 | Q413 G-2 | Q601 E-4 | RV202 A-3 | S602 C-5 |
| CN2 E-1 | IC3 A-2 | *IC402 H-2 | Q201 A-3 | Q414 H-3 | *Q602 E-5 | RV301 C-5 | |
| | IC5 E-1 | *IC501 E-3 | Q202 A-4 | Q415 H-3 | *Q603 E-5 | RV302 A-4 | TP101 A-2 |
| DL401 E-3 | *IC101 A-3 | *IC502 H-3 | Q203 A-4 | Q416 H-3 | *Q604 E-4 | RV401 D-2 | TP201 B-3 |
| DL501 E-4 | IC102 B-2 | *IC601 F-5 | *Q301 A-4 | Q501 E-3 | *Q605 E-5 | RV404 H-2 | TP301 A-4 |
| DL601 E-5 | IC103 C-2 | *IC602 H-4 | Q302 A-4 | *Q502 B-1 | *Q606 E-4 | RV405 H-2 | TP401 D-2 |
| D1 F-2 | *IC104 D-2 | | Q303 A-5 | *Q503 B-1 | *Q607 E-5 | RV406 E-5 | TP402 G-2 |
| D2 F-2 | *IC105 D-2 | *L101 A-2 | Q304 B-5 | *Q504 E-3 | *Q608 F-4 | RV407 H-1 | TP403 H-2 |
| *D401 G-2 | *IC201 A-4 | L102 D-2 | Q401 E-2 | *Q505 D-4 | Q609 G-4 | RV501 D-3 | TP501 D-3 |
| *D501 G-4 | IC202 B-3 | *L201 A-3 | *Q402 E-2 | *Q506 E-3 | Q610 G-5 | RV504 H-3 | TP502 H-4 |
| *D601 E-5 | IC203 C-3 | *L301 A-4 | *Q403 E-2 | *Q507 E-4 | Q611 G-5 | RV506 F-5 | TP503 H-3 |
| *D602 G-5 | *IC204 D-4 | | *Q404 E-2 | *Q508 F-4 | Q612 G-4 | RV601 D-4 | TP601 D-4 |
| | *IC205 D-4 | Q1 E-2 | *Q405 D-3 | Q509 G-3 | Q613 G-5 | RV604 H-5 | TP602 G-5 |
| E1 H-5 | *IC301 A-5 | Q2 F-1 | *Q406 E-2 | Q510 G-3 | Q614 G-5 | RV605 H-4 | TP603 G-5 |
| | IC302 B-4 | Q3 F-1 | *Q407 E-3 | Q511 G-4 | Q615 H-5 | RV606 F-5 | |
| FL101 A-3 | *IC303 C-4 | Q4 A-2 | *Q408 F-2 | Q512 G-3 | Q616 H-5 | | |
| FL201 A-4 | IC304 C-4 | Q5 B-2 | Q409 G-2 | Q513 G-3 | | S301 A-5 | |
| FL301 A-5 | *IC305 D-5 | Q6 B-2 | Q410 G-2 | Q514 G-4 | | RV101 B-5 | S401 G-2 |
| | *IC306 D-5 | Q101 A-2 | Q411 G-3 | Q515 H-3 | | RV103 A-2 | S501 G-3 |
| IC1 A-1 | *IC307 F-1 | Q102 A-3 | Q412 G-2 | Q516 H-4 | | RV201 C-5 | S601 G-4 |

PR-209 VIDEO PROCESS

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮影し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION

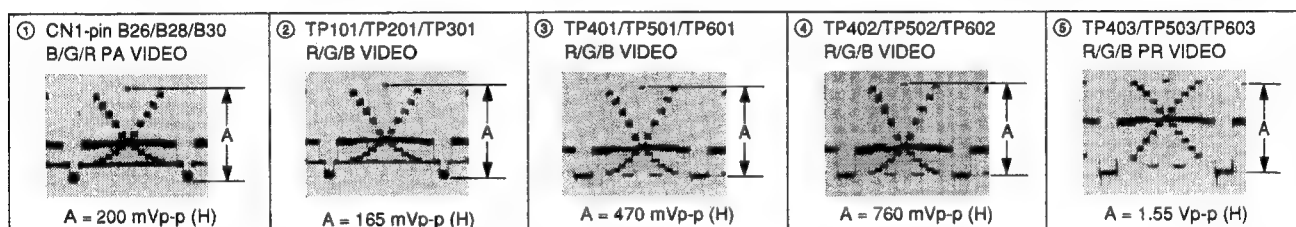
| | | | |
|----------------|----------------|---------------|-------|
| • OUTPUT | : CAM(DCC OFF) | • CLOCK | : OFF |
| • GAIN | : 0dB | • HYPER GAIN | : OFF |
| • WHITE BAL | : PRESET | • MATRIX | : OFF |
| • SHUTTER | : OFF | • ATW | : OFF |
| • ZEBRA MARKER | : OFF | • A IRIS MODE | : STD |
| • PHASE | : 0° | | |

NOTE:

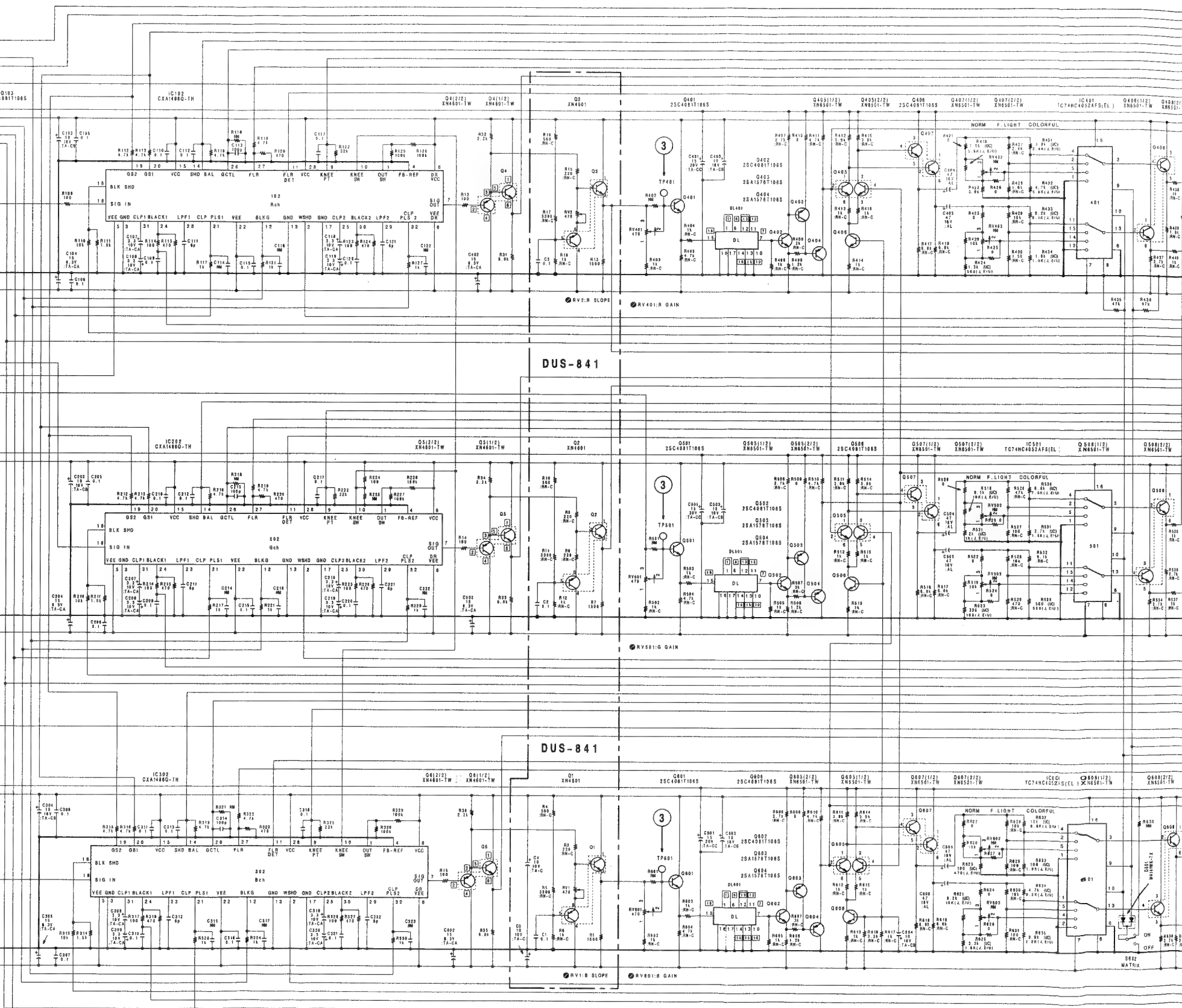
1. All waveforms are measured in condition below.

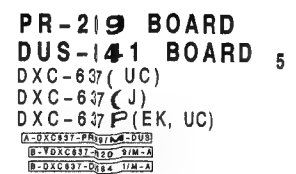
- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION

| | | | |
|----------------|----------------|---------------|-------|
| • OUTPUT | : CAM(DCC OFF) | • CLOCK | : OFF |
| • GAIN | : 0dB | • HYPER GAIN | : OFF |
| • WHITE BAL | : PRESET | • MATRIX | : OFF |
| • SHUTTER | : OFF | • ATW | : OFF |
| • ZEBRA MARKER | : OFF | • A IRIS MODE | : STD |
| • PHASE | : 0° | | |

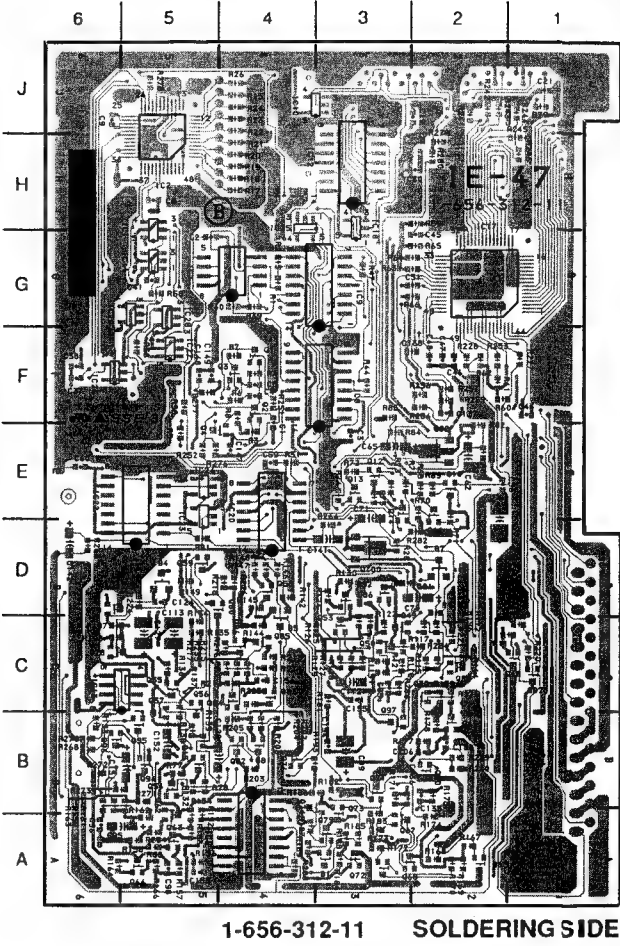
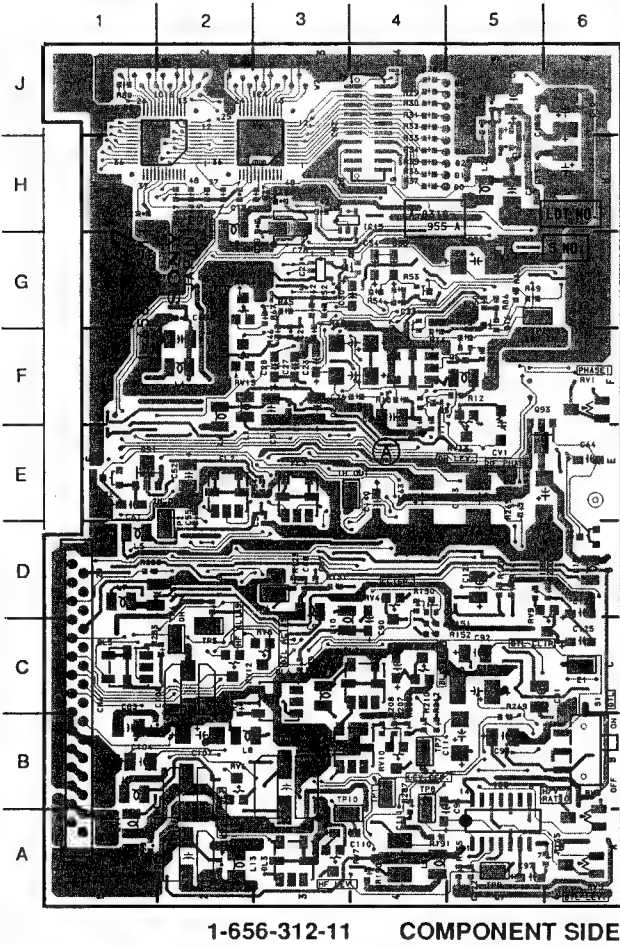


DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)





IE-47 BOARD



IE-47 (1-656-312-11)
*: B SIDE

| | | | | | | | | | | | | | | | |
|-----|-----|-------|-----|-------|-----|------|-----|------|-----|------|-----|-------|-----|------|-----|
| CN1 | C-1 | FL3 | E-3 | *IC22 | E-6 | L12 | A-1 | *Q15 | B-5 | *Q67 | A-3 | *Q88 | C-2 | RV11 | C-4 |
| | | | | *IC23 | E-5 | L13 | A-3 | Q16 | G-5 | *Q68 | A-3 | *Q90 | B-2 | RV12 | C-2 |
| CV1 | E-5 | *IC1 | H-5 | *IC24 | E-5 | L14 | B-1 | *Q48 | C-1 | *Q69 | B-2 | Q91 | E-1 | RV13 | E-5 |
| | | *IC2 | H-5 | *IC25 | H-4 | L15 | D-6 | *Q49 | D-3 | *Q70 | A-3 | *Q92 | E-2 | RV14 | G-2 |
| DL2 | C-3 | IC4 | J-3 | *IC26 | F-6 | L17 | C-3 | *Q50 | C-3 | *Q71 | B-3 | Q93 | F-5 | RV15 | F-2 |
| DL3 | A-3 | IC5 | B-5 | *IC27 | F-5 | | | *Q51 | D-3 | *Q72 | A-3 | *Q94 | B-5 | | |
| DL4 | B-3 | *IC6 | A-5 | *IC28 | G-5 | *Q1 | F-4 | *Q52 | D-3 | *Q73 | B-3 | *Q95 | B-5 | S1 | C-6 |
| DL5 | C-1 | *IC7 | G-5 | *IC29 | G-6 | *Q2 | F-4 | *Q53 | C-3 | *Q74 | B-4 | *Q96 | B-6 | | |
| DL6 | C-3 | *IC8 | F-3 | | | *Q3 | F-4 | *Q54 | B-5 | *Q75 | A-3 | *Q97 | C-3 | TP1 | F-5 |
| *D1 | A-3 | *IC9 | G-3 | L1 | E-2 | *Q4 | E-5 | *Q55 | C-5 | *Q76 | B-4 | *Q100 | D-3 | TP2 | D-2 |
| D2 | E-1 | *IC10 | J-4 | L2 | H-5 | Q5 | F-4 | *Q56 | C-5 | *Q78 | C-6 | | | TP3 | D-3 |
| *D4 | D-5 | *IC11 | G-5 | L3 | G-2 | Q6 | F-5 | *Q57 | C-5 | *Q79 | D-6 | RV1 | F-6 | TP4 | C-2 |
| *D5 | C-4 | *IC12 | H-4 | L4 | F-2 | Q7 | G-4 | *Q58 | D-4 | *Q80 | D-4 | RV3 | B-6 | TP5 | C-2 |
| D6 | D-6 | *IC13 | C-6 | L5 | D-1 | Q8 | G-4 | *Q59 | D-5 | *Q81 | B-4 | RV4 | D-4 | TP6 | D-3 |
| *D7 | D-2 | IC15 | H-4 | L6 | E-2 | Q9 | G-4 | Q61 | D-5 | *Q82 | B-4 | RV5 | A-6 | TP7 | B-4 |
| | | IC16 | J-2 | L7 | D-1 | *Q10 | E-2 | *Q62 | B-5 | *Q83 | C-4 | RV6 | B-2 | TP8 | B-4 |
| E1 | C-6 | *IC17 | H-2 | L8 | B-2 | *Q11 | D-2 | *Q63 | A-5 | *Q84 | C-5 | RV7 | A-4 | TP9 | A-5 |
| | | *IC18 | H-3 | L9 | C-3 | *Q12 | E-3 | *Q64 | A-5 | *Q85 | C-4 | RV8 | C-3 | TP10 | B-3 |
| FL1 | F-4 | *IC20 | E-4 | L10 | C-3 | *Q13 | E-3 | *Q65 | A-2 | *Q86 | C-4 | RV9 | C-5 | TP11 | B-4 |
| FL2 | E-2 | IC21 | G-3 | L11 | A-1 | *Q14 | E-3 | *Q66 | A-3 | *Q87 | C-1 | RV10 | B-4 | | |

IE-47 IMAGE ENHANCER

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮影し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION

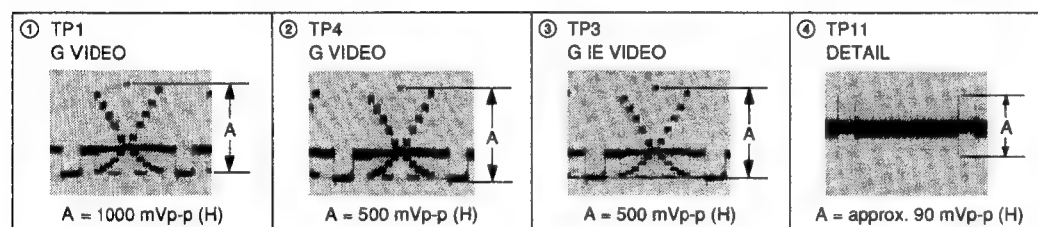
| | | | |
|----------------|----------------|---------------|-------|
| • OUTPUT | : CAM(DCC OFF) | • CLOCK | : OFF |
| • GAIN | : 0dB | • HYPER GAIN | : OFF |
| • WHITE BAL | : PRESET | • MATRIX | : OFF |
| • SHUTTER | : OFF | • ATW | : OFF |
| • ZEBRA MARKER | : OFF | • A IRIS MODE | : STD |
| • PHASE | : 0° | | |

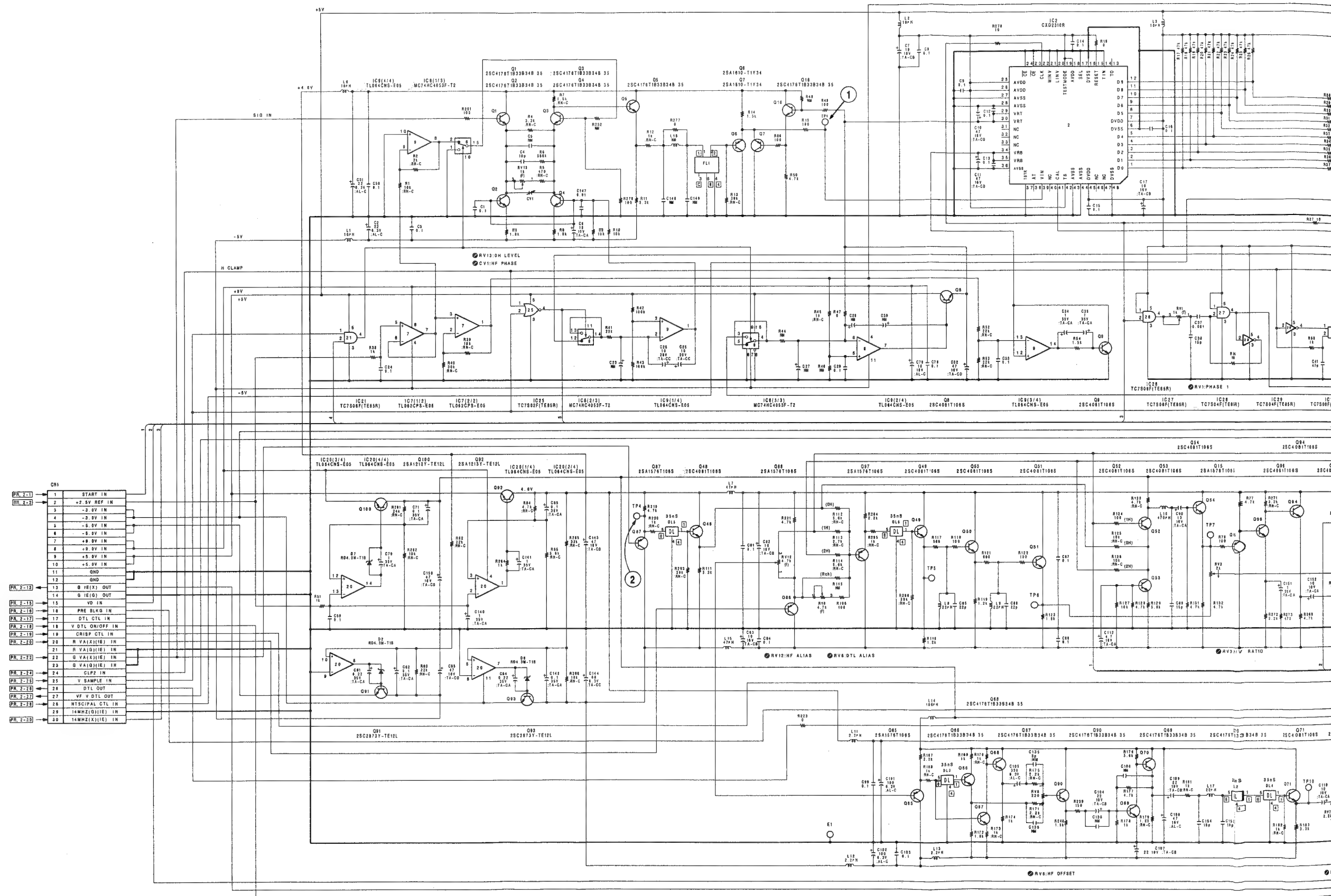
NOTE:

1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION

| | | | |
|----------------|----------------|---------------|-------|
| • OUTPUT | : CAM(DCC OFF) | • CLOCK | : OFF |
| • GAIN | : 0dB | • HYPER GAIN | : OFF |
| • WHITE BAL | : PRESET | • MATRIX | : OFF |
| • SHUTTER | : OFF | • ATW | : OFF |
| • ZEBRA MARKER | : OFF | • A IRIS MODE | : STD |
| • PHASE | : 0° | | |



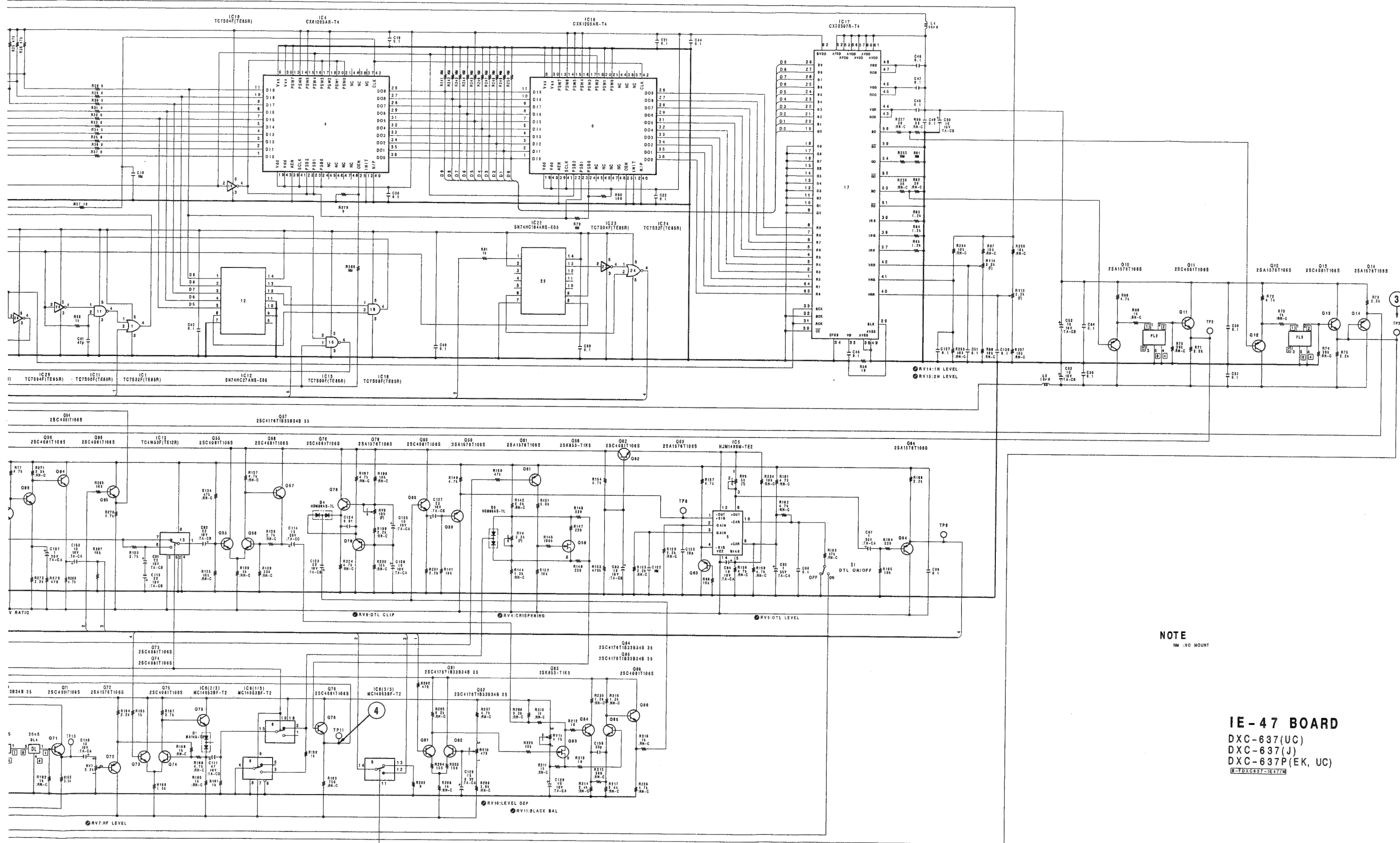


DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

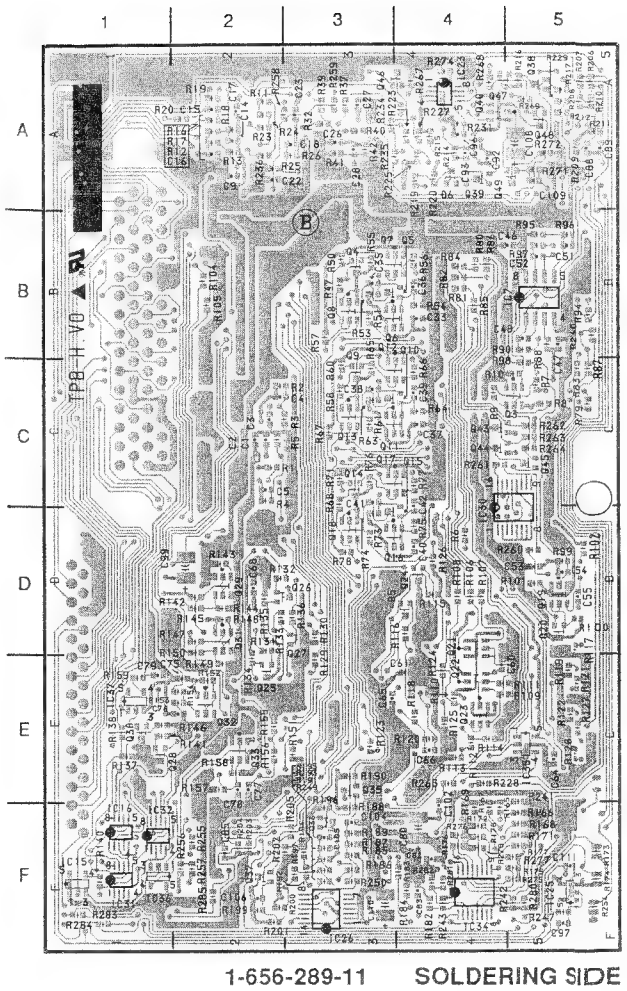
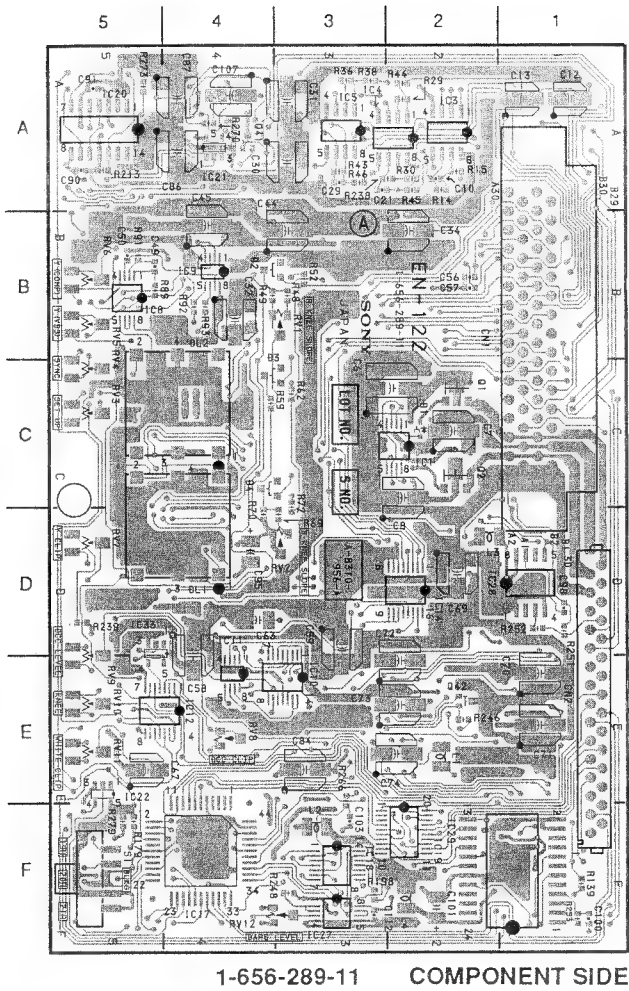
B - 11

B - 11

H



EN-122 BOARD



EN-122 (1-656-289-11)

•: B SIDE

| | | | | | | | | | | | |
|------|-----|-------|-----|-------|-----|------|-----|------|-----|------|-----|
| CN1 | B-2 | IC10 | E-3 | *IC31 | F-1 | *Q7 | B-3 | *Q26 | D-3 | *Q46 | A-3 |
| CN2 | E-1 | IC11 | D-4 | *IC32 | F-1 | *Q8 | B-3 | *Q27 | D-3 | *Q47 | A-4 |
| | | IC12 | E-4 | IC33 | D-5 | *Q9 | B-3 | *Q28 | E-1 | *Q48 | A-5 |
| DL1 | D-4 | IC14 | D-2 | *IC34 | F-4 | *Q10 | B-4 | *Q29 | D-2 | *Q49 | A-4 |
| DL2 | B-4 | *IC15 | F-1 | *IC35 | E-5 | *Q11 | C-3 | *Q30 | E-1 | | |
| D1 | C-2 | *IC16 | F-1 | *IC36 | F-1 | *Q12 | B-3 | *Q31 | D-2 | RV3 | C-5 |
| D2 | B-4 | IC17 | F-4 | *IC37 | E-1 | *Q13 | C-3 | *Q32 | E-2 | RV4 | B-5 |
| D3 | B-4 | IC18 | F-3 | | | *Q14 | C-3 | *Q33 | E-2 | RV5 | B-5 |
| D4 | C-4 | IC19 | F-2 | L1 | E-2 | *Q15 | C-4 | *Q35 | E-3 | RV6 | B-5 |
| *D5 | D-3 | IC20 | A-5 | L2 | F-3 | *Q16 | D-3 | *Q36 | F-3 | RV7 | D-5 |
| *D6 | A-4 | IC21 | A-4 | L3 | D-2 | *Q17 | C-3 | *Q37 | F-2 | RV8 | E-3 |
| | | IC22 | E-5 | L4 | F-2 | *Q18 | D-3 | *Q38 | A-5 | RV9 | E-5 |
| IC1 | C-2 | *IC23 | A-4 | | | *Q19 | D-5 | *Q39 | A-4 | RV10 | E-5 |
| IC3 | A-2 | *IC25 | F-5 | Q1 | C-2 | *Q20 | D-5 | *Q40 | A-4 | RV11 | E-5 |
| IC4 | A-3 | *IC26 | F-3 | Q2 | C-2 | *Q21 | D-4 | Q41 | A-4 | RV12 | F-4 |
| IC5 | A-3 | IC27 | F-3 | *Q3 | C-5 | *Q22 | E-4 | Q42 | E-2 | | |
| *IC7 | B-5 | IC28 | D-2 | *Q4 | B-3 | *Q23 | E-4 | *Q43 | C-4 | S1 | F-5 |
| IC8 | B-5 | IC29 | F-2 | *Q5 | B-4 | *Q24 | D-4 | *Q44 | C-4 | | |
| IC9 | B-4 | *IC30 | D-4 | *Q6 | B-3 | *Q25 | E-2 | *Q45 | C-5 | | |

EN-122 ENCODER

注意:

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。

• SWITCH POSITION

- | | |
|----------------------|---------------------|
| • OUTPUT : BARS | • CLOCK : OFF |
| • GAIN : 0dB | • HYPER GAIN : OFF |
| • WHITE BAL : PRESET | • MATRIX : OFF |
| • SHUTTER : OFF | • ATW : OFF |
| • ZEBRA MARKER : OFF | • A IRIS MODE : STD |
| • PHASE : 0° | |

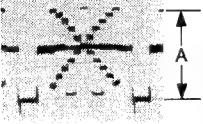
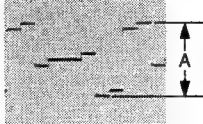
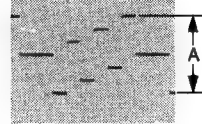
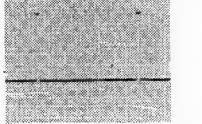
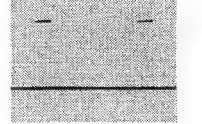
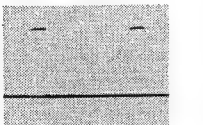
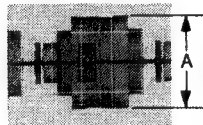
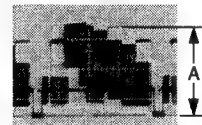

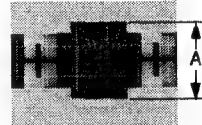


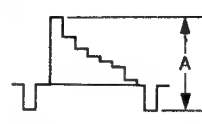
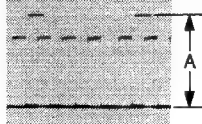

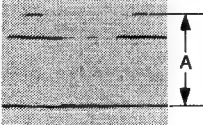
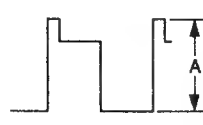
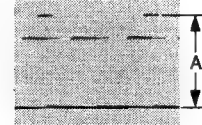
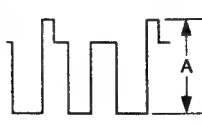
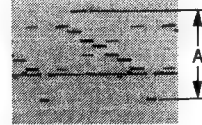

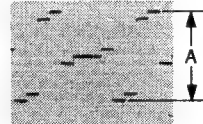
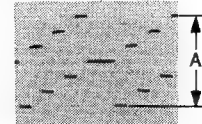
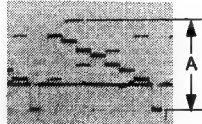
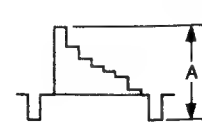
NOTE:

1. All waveforms are measured in condition below.

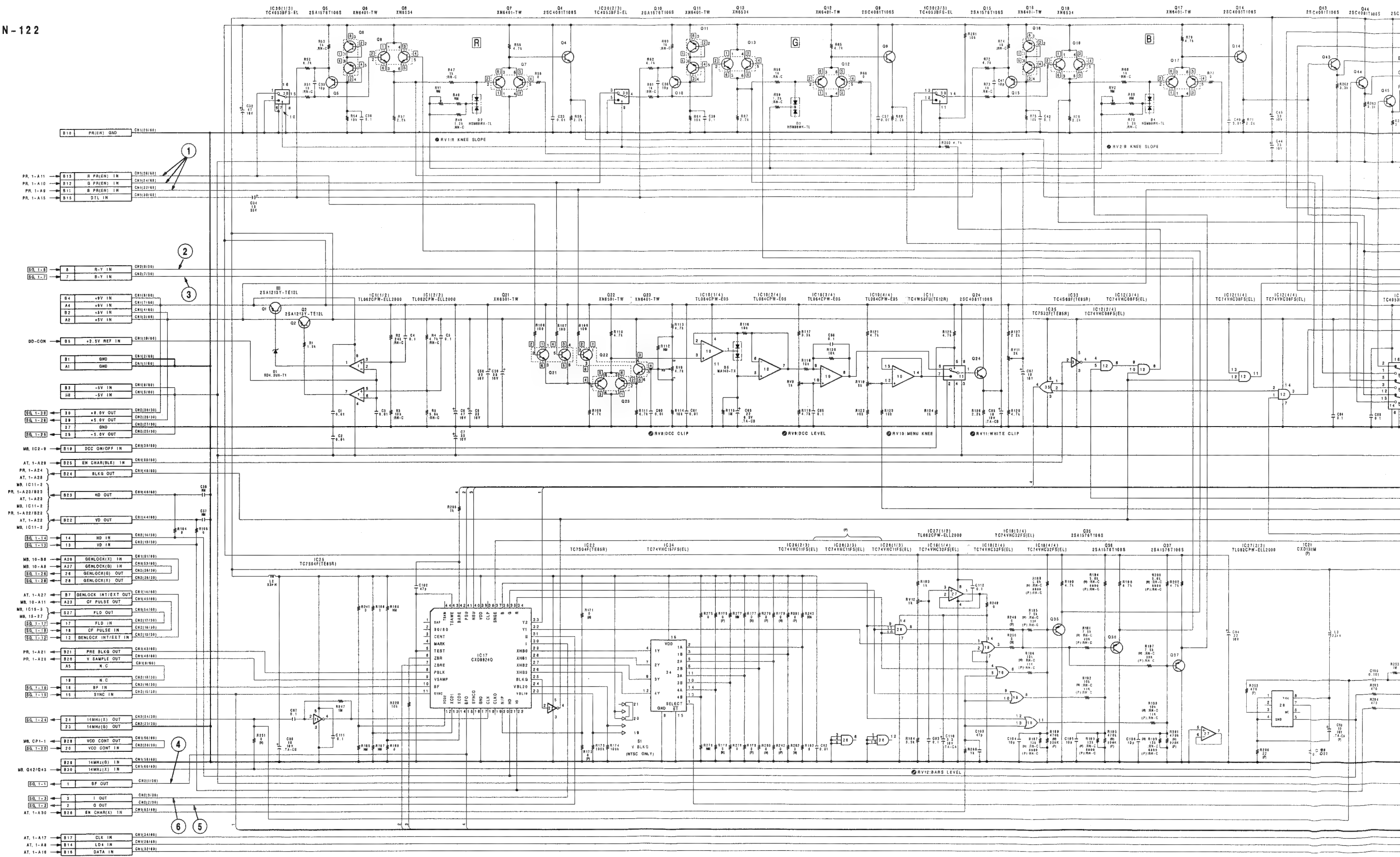
- Connect the camera adaptor CA-537/537P to the camera.

• SWITCH POSITION

- | | |
|----------------------|---------------------|
| • OUTPUT : BARS | • CLOCK : OFF |
| • GAIN : 0dB | • HYPER GAIN : OFF |
| • WHITE BAL : PRESET | • MATRIX : OFF |
| • SHUTTER : OFF | • ATW : OFF |
| • ZEBRA MARKER : OFF | • A IRIS MODE : STD |
| • PHASE : 0° | |

| | | | | |
|--|---|---|--|--|
| ① CN1-pin B11/B12/B13 B/G/R PR VIDEO  A = 1.7 Vp-p (H) | ② CN2-pin B R-Y  A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p | ③ CN2-pin 7 B-Y  A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p | ④ CN2-pin 1 BF  4.55 Vp-p (H) | ⑤ CN2-pin 2 Q/U VIDEO  4.55 Vp-p (H) |
| ⑥ CN2-pin 3 I/V VIDEO  4.55 Vp-p (H) | ⑦ CN1-pin A19 CHROMA  A = 670 mVp-p (H) | ⑧ CN1-pin A21 VBS VIDEO (NTSC)  A = 2.0 Vp-p (H) | ⑧ CN1-pin A21 VBS VIDEO (PAL)  A = 2.0 Vp-p (H) | ⑨ CN2-pin 21 CHROMA  A = 670 mVp-p (H) |
| ⑩ CN1-pin A24 SYNC  5.0 Vp-p (H) | ⑪ CN1-pin A17 Y VIDEO (NTSC)  A = 1.0 Vp-p (H) | ⑪ CN1-pin A17 Y VIDEO (PAL)  A = 1.0 Vp-p (H) | ⑫ CN1-pin A10 B VIDEO (NTSC)  A = 1.52 Vp-p (H) | ⑫ CN1-pin A10 B VIDEO (PAL)  A = 1.52 Vp-p (H) |
| ⑬ CN1-pin A11 G VIDEO (NTSC)  A = 1.52 Vp-p (H) | ⑬ CN1-pin A11 G VIDEO (PAL)  A = 1.52 Vp-p (H) | ⑭ CN1-pin A12 R VIDEO (NTSC)  A = 1.52 Vp-p (H) | ⑭ CN1-pin A12 R VIDEO (PAL)  A = 1.52 Vp-p (H) | ⑮ CN1-pin A14 G/Y VIDEO (NTSC)  A = 1.0 Vp-p (H) |
| ⑮ CN1-pin A14 G/Y VIDEO (PAL)  A = 1.0 Vp-p (H) | ⑯ CN1-pin A15 R/R-Y VIDEO  A = J: 756 mVp-p UC: 700 mVp-p EK: 525 mVp-p | ⑰ CN1-pin A13 B/B-Y VIDEO  A = J: 756 mVp-p UC: 700 mVp-p EK: 525 mVp-p | ⑱ CN1-pin A30 VF VIDEO (NTSC)  A = 1.0 Vp-p (H) | ⑱ CN1-pin A30 VF VIDEO (PAL)  A = 1.0 Vp-p (H) |

EN-122



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B - 15

B - 15

A

C

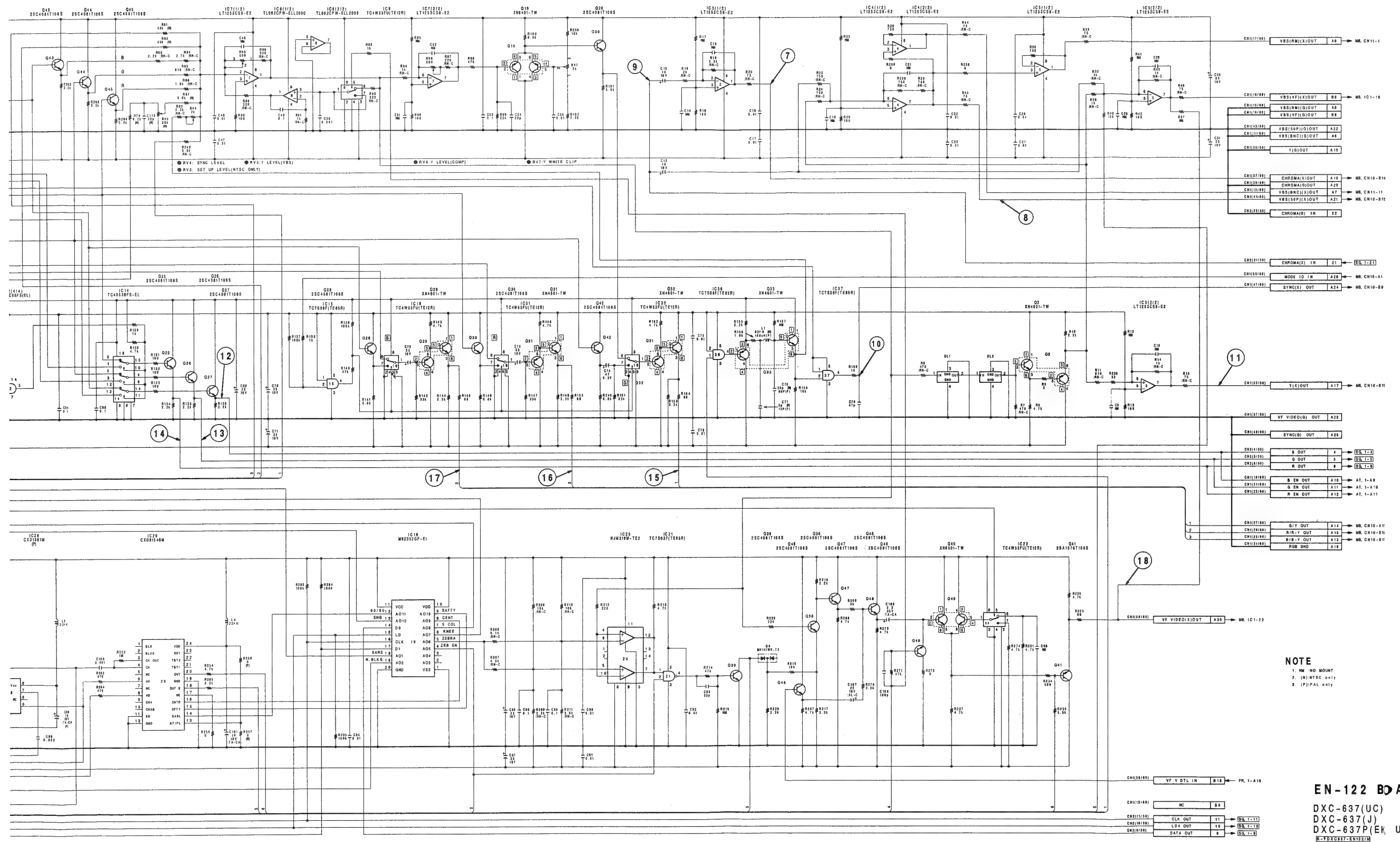
D

E

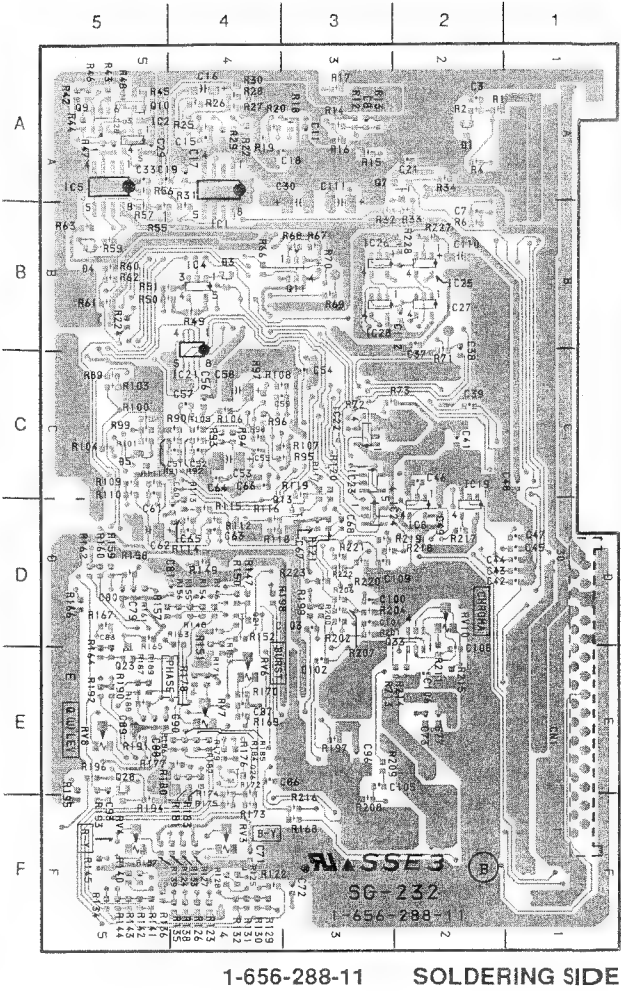
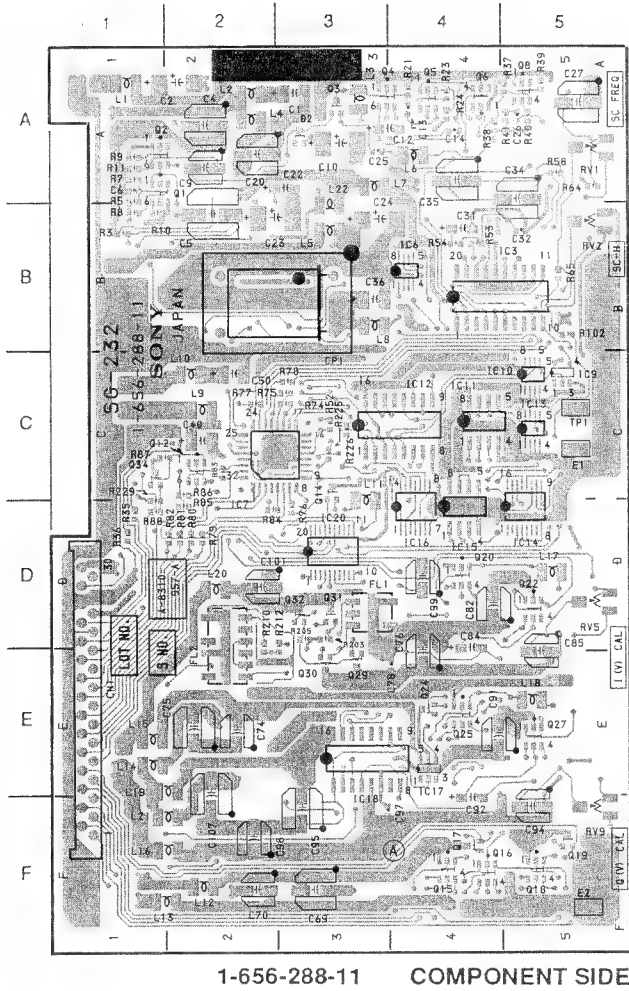
F

C

H



SG-232 BOARD



SG-232 (1-656-288-11)

+: B SIDE

| | | | | | | | | | | | |
|------|-----|-------|-----|-------|-----|------|-----|------|-----|-------|-----|
| CN1 | E-1 | *IC5 | A-5 | *IC25 | B-2 | L16 | F-1 | *Q13 | D-3 | *Q33 | D-3 |
| | | IC6 | B-4 | *IC26 | B-3 | L17 | D-5 | Q14 | C-3 | Q34 | C-1 |
| CP1 | C-3 | IC7 | D-2 | *IC27 | B-2 | L18 | E-5 | Q15 | F-4 | | |
| | | *IC8 | D-2 | *IC28 | B-3 | L19 | E-1 | Q16 | F-4 | RV1 | A-5 |
| *D1 | A-2 | IC9 | C-5 | | | L20 | D-2 | Q17 | F-4 | RV2 | B-5 |
| D2 | A-3 | IC10 | C-4 | L1 | A-1 | L21 | F-1 | Q18 | F-5 | *RV3 | F-4 |
| *D3 | B-4 | IC11 | C-4 | L2 | A-2 | L22 | A-3 | Q19 | F-5 | *RV4 | F-5 |
| *D4 | B-5 | IC12 | C-4 | L3 | A-3 | | | Q20 | D-4 | RV5 | D-5 |
| *D5 | C-5 | IC13 | C-5 | L4 | A-2 | Q1 | A-2 | *Q21 | D-4 | *RV6 | E-4 |
| | | IC14 | D-5 | L5 | B-3 | Q2 | A-1 | Q22 | D-5 | *RV7 | E-4 |
| E1 | C-5 | IC15 | D-4 | L6 | A-4 | Q3 | A-3 | *Q23 | E-5 | *RV8 | E-5 |
| E2 | F-5 | IC16 | D-4 | L7 | A-4 | Q4 | A-4 | Q24 | E-4 | RV9 | F-5 |
| | | IC17 | E-4 | L8 | B-3 | Q5 | A-4 | Q25 | E-4 | *RV10 | D-2 |
| FL1 | D-3 | IC18 | F-3 | L9 | C-2 | Q6 | A-4 | *Q26 | E-4 | | |
| FL2 | E-2 | *IC19 | C-2 | L10 | C-2 | *Q7 | A-3 | Q27 | E-5 | TP1 | C-5 |
| | | IC20 | D-3 | L11 | C-3 | Q8 | A-5 | *Q28 | E-5 | | |
| *IC1 | B-4 | *IC21 | C-4 | L12 | F-2 | *Q9 | A-5 | Q29 | E-3 | | |
| *IC2 | A-5 | *IC22 | C-3 | L13 | F-2 | *Q10 | A-5 | Q30 | E-3 | | |
| IC3 | B-5 | *IC23 | C-3 | L14 | E-1 | *Q11 | B-3 | Q31 | D-3 | | |
| *IC4 | B-4 | *IC24 | D-3 | L15 | E-1 | Q12 | C-1 | Q32 | D-3 | | |

SG-232 SYNC GENERATOR

注意:

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。

SWITCH POSITION

- OUTPUT : BARS
- GAIN : 0dB
- WHITE BAL : PRESET
- SHUTTER : OFF
- ZEBRA MARKER : OFF
- PHASE : 0°
- CLOCK : OFF
- HYPER GAIN : OFF
- MATRIX : OFF
- ATW : OFF
- A IRIS MODE : STD

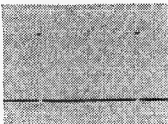
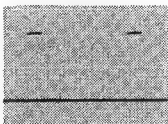
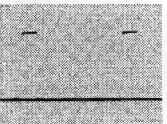
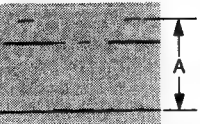
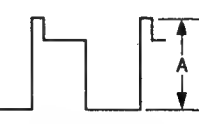

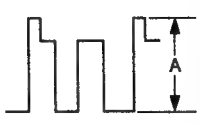
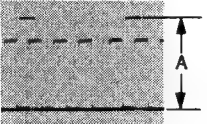

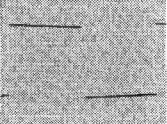
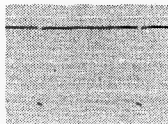
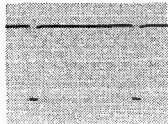
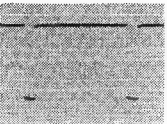
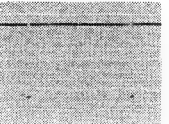

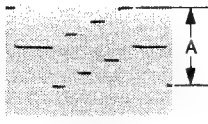
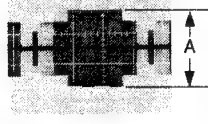
NOTE:

1. All waveforms are measured in condition below.

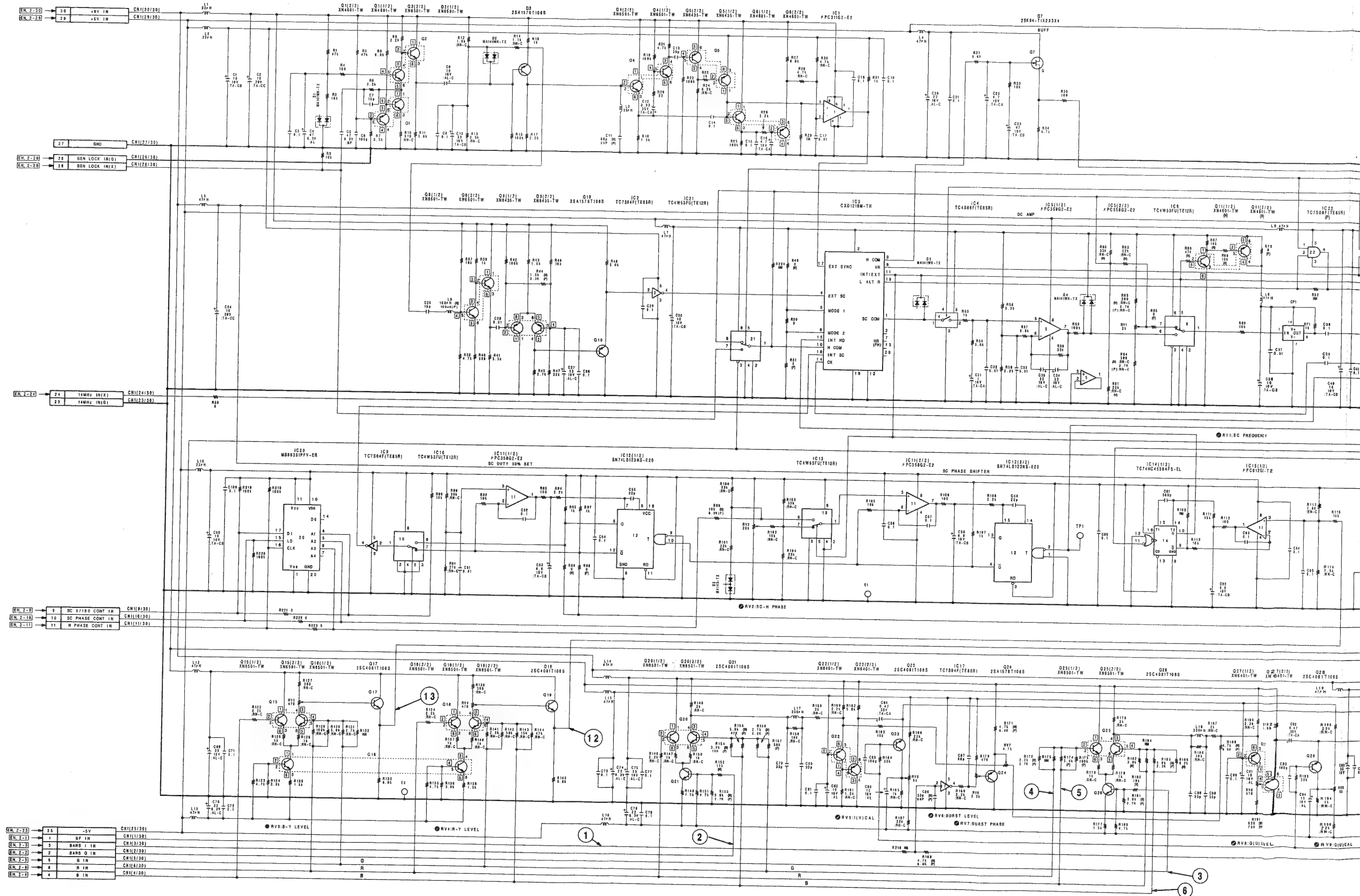
- Connect the camera adaptor CA-537/537P to the camera.

SWITCH POSITION

- OUTPUT : BARS
- GAIN : 0dB
- WHITE BAL : PRESET
- SHUTTER : OFF
- ZEBRA MARKER : OFF
- PHASE : 0°
- CLOCK : OFF
- HYPER GAIN : OFF
- MATRIX : OFF
- ATW : OFF
- A IRIS MODE : STD

| | | | | |
|--|--|---|---|--|
| ① CN1-pin1 BF  4.55 Vp-p (H) | ② CN1-pin 3 I/V VIDEO  4.55 Vp-p (H) | ③ CN1-pin 2 Q/U VIDEO  4.55 Vp-p (H) | ④ CN1-pin 5 G VIDEO (NTSC)  A = 1.52 Vp-p (H) | ④ CN1-pin 5 G VIDEO (PAL)  A = 1.52 Vp-p (H) |
| ⑤ CN1-pin 6 R VIDEO (NTSC)  A = 1.52 Vp-p (H) | ⑤ CN1-pin 6 R VIDEO (PAL)  A = 1.52 Vp-p (H) | ⑥ CN1-pin 4 B VIDEO (NTSC)  A = 1.52 Vp-p (H) | ⑥ CN1-pin 4 B VIDEO (PAL)  A = 1.52 Vp-p (H) | ⑦ CN1-pin 17 FLD  4.84 Vp-p (V) |
| ⑧ CN1-pin 16 BF  4.86 Vp-p (H) | ⑨ CN1-pin 15 SYNC  4.88 Vp-p (H) | ⑩ CN1-pin 14 HD  4.86 Vp-p (H) | ⑪ CN1-pin 13 VD  4.92 Vp-p (H) | ⑫ CN1-pin 8 R-Y  A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p |
| ⑬ CN1-pin 7 B-Y  A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p | ⑭ CN1-pin 21 CHROMA  A = 670 mVp-p | | | |

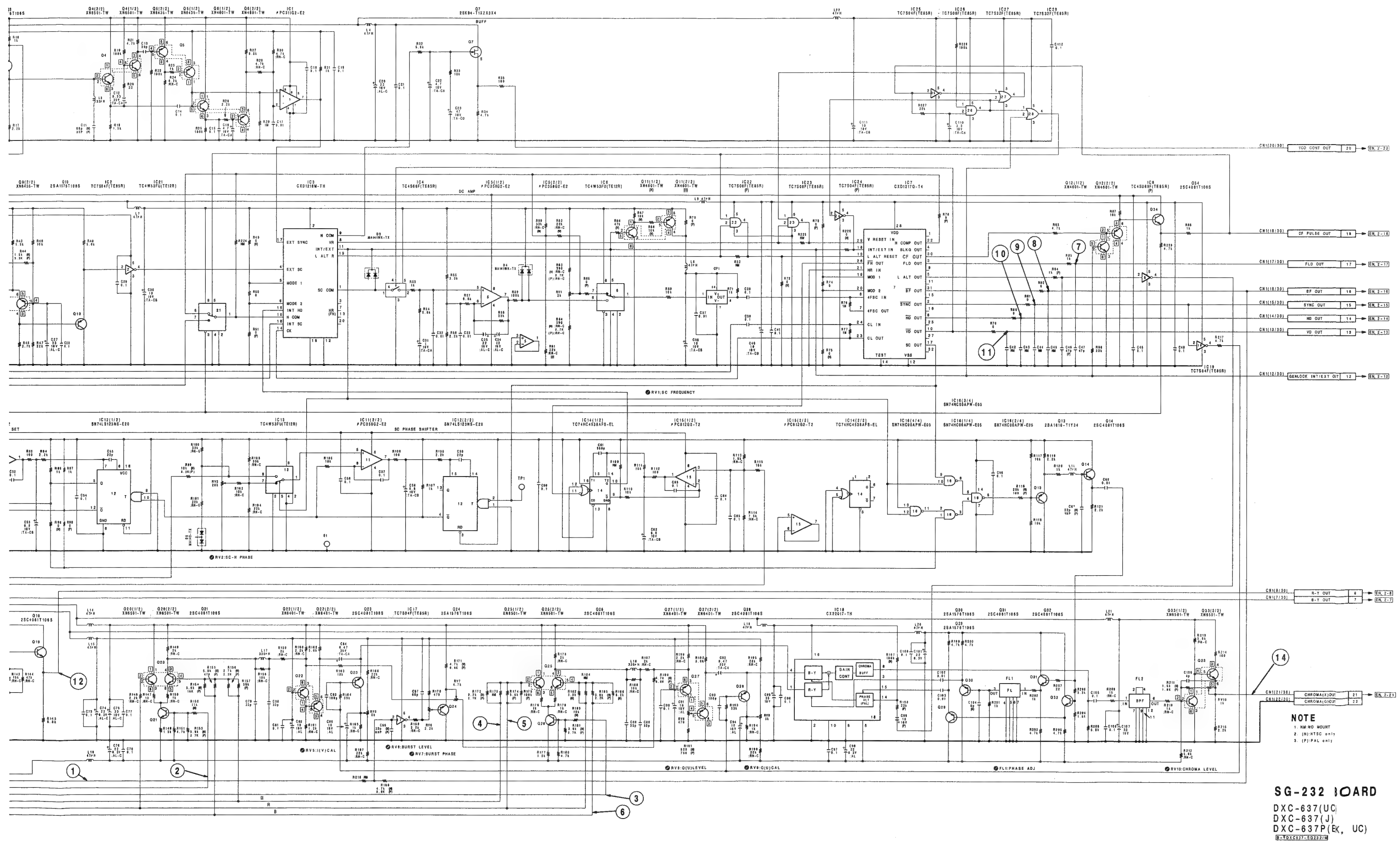
SG-232



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B-19

B-19



B-19

B-19

E

F

G

H

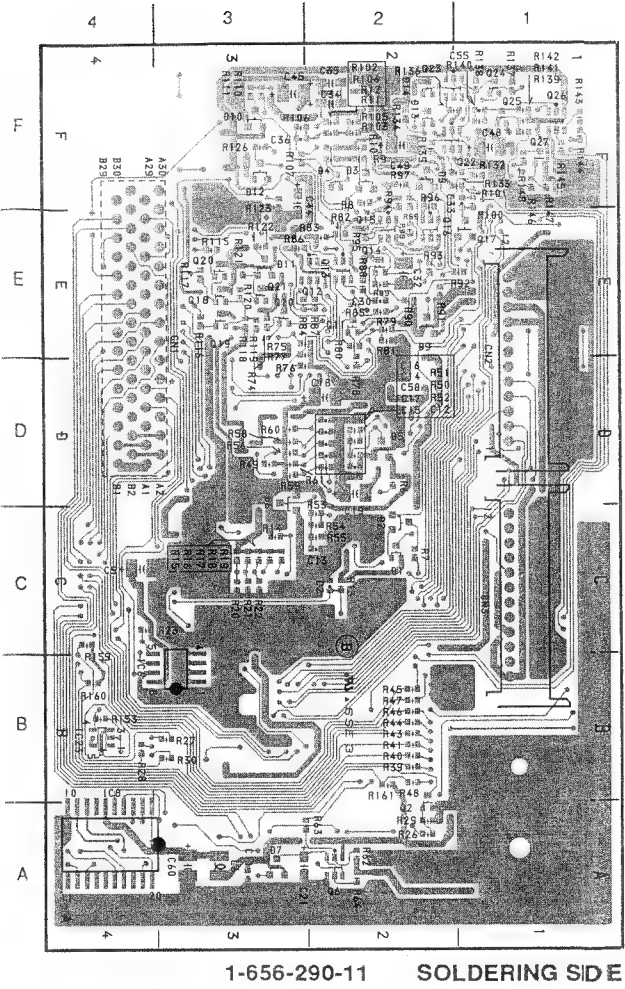
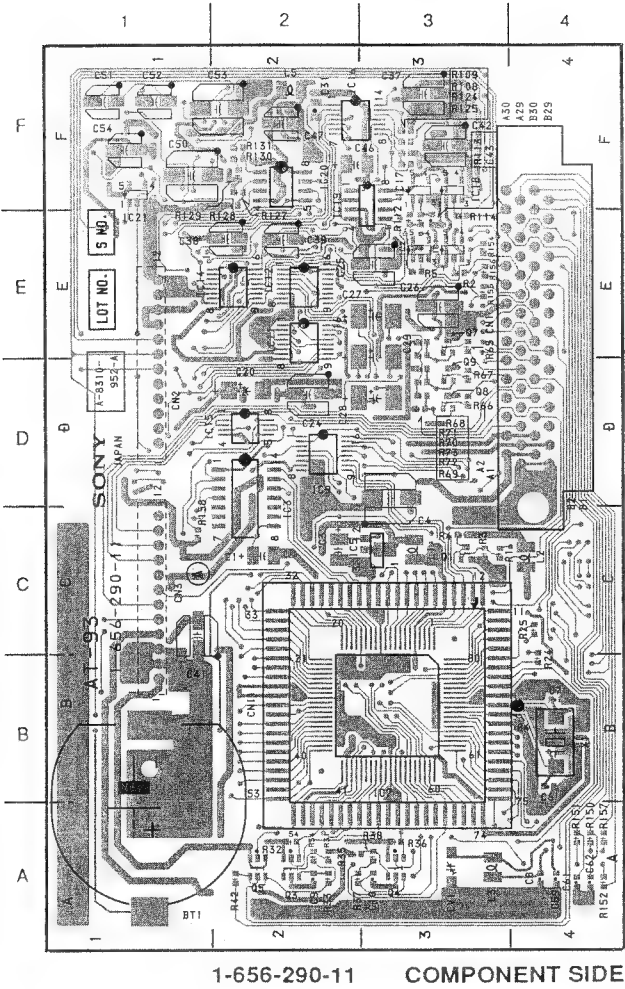
I

J

K

L

AT-93 BOARD



AT-93 (1-656-290-11)

*: B SIDE

| | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|
| BT1 | A-1 | *D13 | F-2 | IC21 | E-1 | *Q13 | E-2 |
| | | *D14 | F-2 | | | *Q14 | E-2 |
| CN1 | E-3 | | | L1 | C-3 | *Q15 | E-2 |
| *CN2 | E-1 | IC1 | E-3 | L2 | C-4 | *Q16 | E-2 |
| *CN3 | C-1 | IC2 | E-3 | L3 | A-3 | *Q17 | E-1 |
| | | IC3 | C-2 | L5 | F-2 | *Q18 | E-3 |
| CV1 | A-3 | IC5 | C-2 | *L6 | A-3 | *Q19 | E-3 |
| | | *IC6 | B-4 | | | *Q20 | E-3 |
| *D1 | C-2 | IC7 | B-3 | Q1 | C-3 | *Q21 | E-3 |
| *D2 | C-2 | *IC8 | B-4 | *Q2 | A-2 | *Q22 | F-1 |
| *D3 | F-2 | IC9 | D-2 | Q3 | A-2 | *Q23 | F-2 |
| *D4 | F-2 | IC11 | E-2 | Q4 | A-3 | *Q24 | F-1 |
| *D5 | D-2 | IC12 | E-2 | Q5 | A-2 | *Q25 | F-1 |
| *D6 | D-3 | IC14 | E-1 | *Q6 | A-2 | *Q26 | F-1 |
| *D7 | A-3 | IC15 | D-1 | Q7 | E-3 | *Q27 | F-1 |
| *D8 | F-2 | IC16 | F-2 | Q8 | D-3 | | |
| *D9 | E-2 | IC17 | F-3 | Q9 | D-3 | X1 | B-4 |
| *D10 | F-3 | IC18 | F-3 | *Q10 | E-3 | | |
| *D11 | E-3 | IC19 | E-2 | *Q11 | E-2 | | |
| *D12 | F-3 | IC20 | F-2 | *Q12 | E-2 | | |

AT-93 SYSTEM CONTROL

注意：







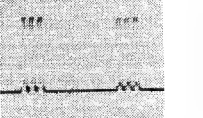
1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮像し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- DISP CHGスイッチ/カメラ側面を押し下げて、ビューファインダー画面をステータス表示画面にします。
- SWITCH POSITION
 - OUTPUT : CAM(DCC OFF) • CLOCK : OFF
 - GAIN : 0dB • HYPER GAIN : OFF
 - WHITE BAL : PRESET • MATRIX : OFF
 - SHUTTER : OFF • ATW : OFF
 - ZEBRA MARKER : OFF • A IRIS MODE : STD
 - PHASE : 0°

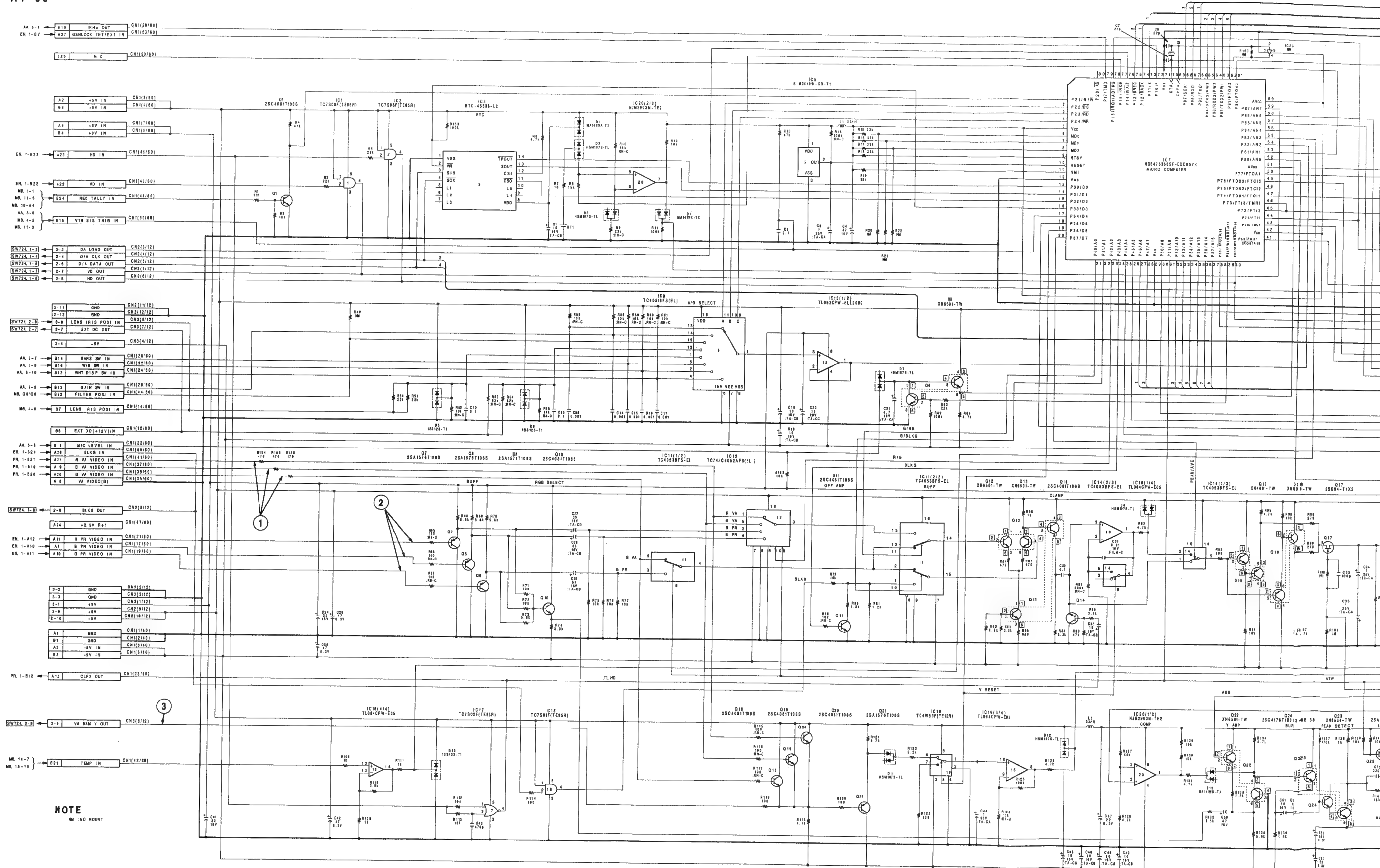
NOTE:

1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- Press the DISP CHG switch on the camera side panel so that the menu display appears on the viewfinder screen.
- SWITCH POSITION
 - OUTPUT : CAM(DCC OFF) • CLOCK : OFF
 - GAIN : 0dB • HYPER GAIN : OFF
 - WHITE BAL : PRESET • MATRIX : OFF
 - SHUTTER : OFF • ATW : OFF
 - ZEBRA MARKER : OFF • A IRIS MODE : STD
 - PHASE : 0°

| | | | | |
|--|---|--|---|---|
| <p>① CN1-pin A19/A20/A21 B/G/R VA VIDEO</p>  <p>A = 450 mVp-p (H)</p> | <p>② CN1-pin A9/A10/A11 B/G/R PR VIDEO</p>  <p>A = 1.48 Vp-p (H)</p> | <p>③ CN3-pin 6 VA NAM Y</p>  <p>A = 415 mVp-p (H)</p> | <p>④ CN1-pin A25 VF CHARACTER (BLK)</p>  <p>5.0 Vp-p (H) (DISP CHG)</p> | <p>⑤ CN1-pin A29 EN CHARACTER (BLK)</p>  <p>5.0 Vp-p (H) (CLOCK: ON)</p> |
| <p>⑥ CN1-pin A26 VF CHARACTER</p>  <p>4.94 Vp-p (H) (DISP CHG)</p> | <p>⑦ CN1-pin A30 EN CHARACTER</p>  <p>4.9 Vp-p (H) (CLOCK: ON)</p> | | | |

AT-93



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B-23

B-23

A

B

C

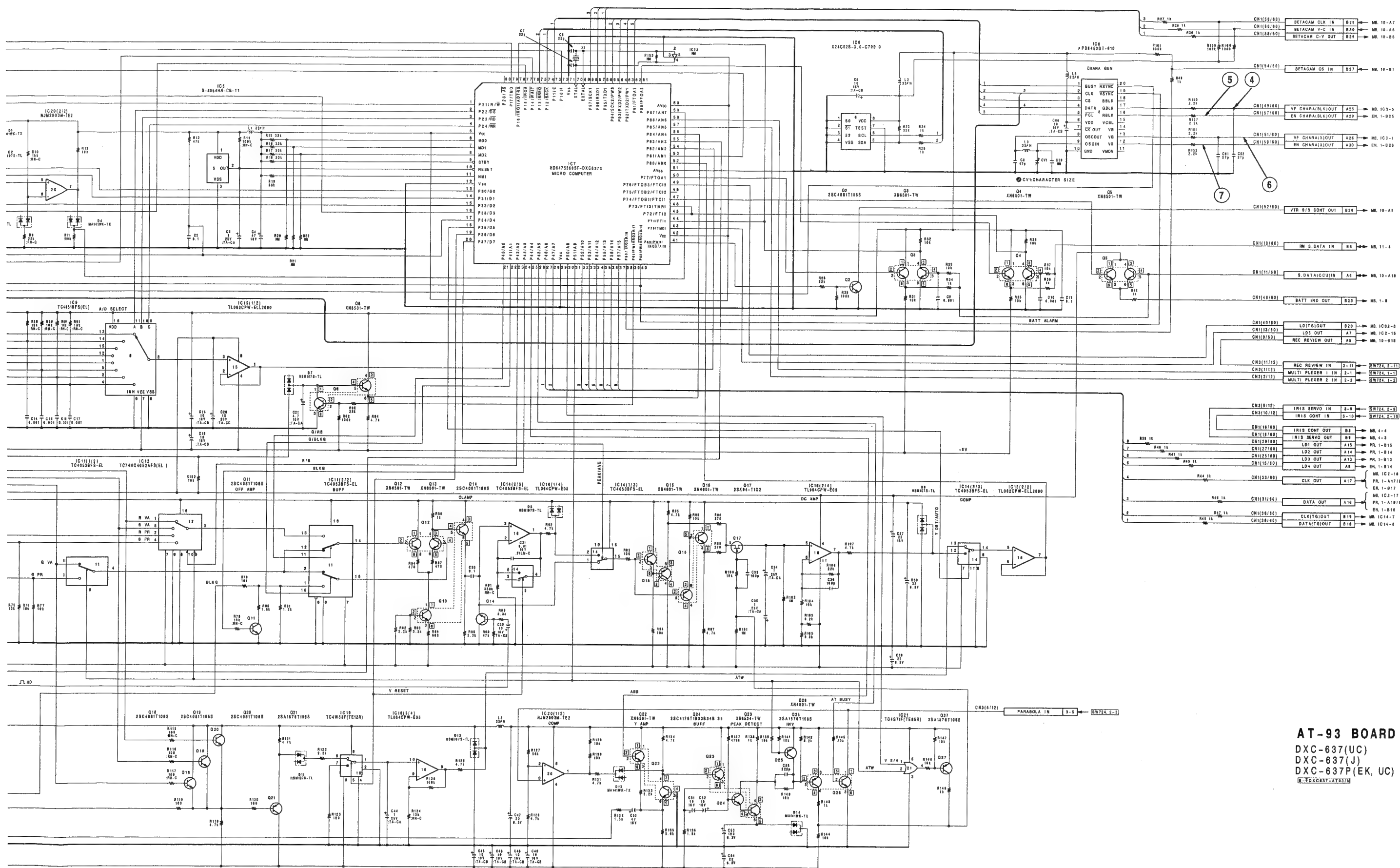
D

E

F

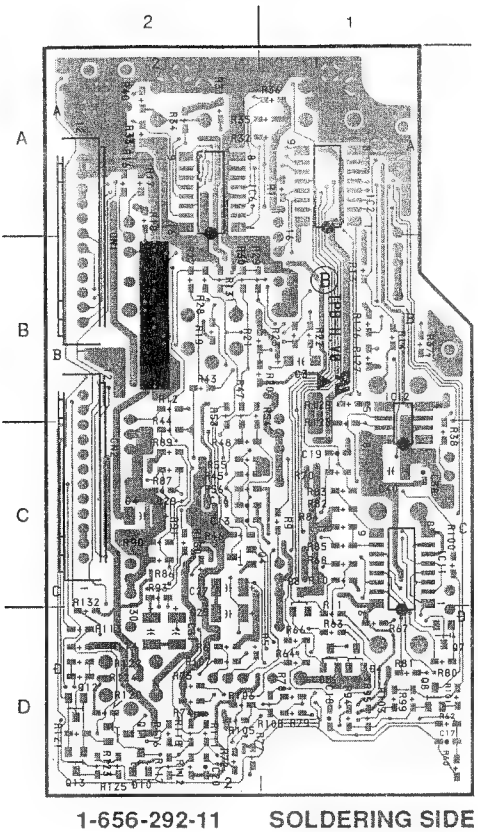
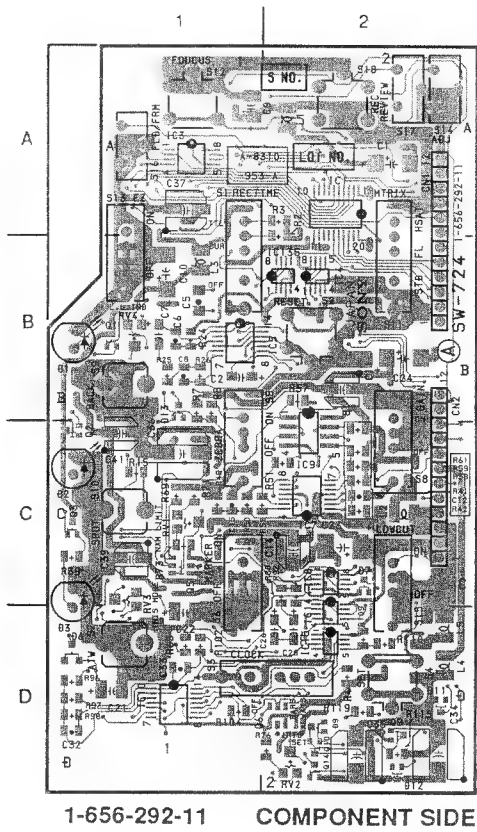
G

H



AT-93 BOARD
 DXC-637(UC)
 DXC-637(J)
 DXC-637P(EK, UC)
 B-YDC637-AT93M

SW-724 BOARD



SW-724 (1-656-292-11)

•: ■ SIDE

| | | | | | |
|------|-----|-------|-----|-----|-----|
| *CN1 | A-2 | *IC11 | C-1 | RV2 | D-2 |
| *CN2 | C-2 | *IC12 | B-1 | RV3 | D-1 |
| | | IC13 | B-2 | RV4 | B-1 |
| D1 | B-1 | IC14 | D-2 | | |
| D2 | C-1 | IC15 | D-2 | S1 | A-1 |
| D3 | D-1 | | | S2 | B-2 |
| *D4 | D-1 | L1 | A-2 | S3 | D-1 |
| *D5 | D-1 | L2 | C-2 | S4 | D-2 |
| D6 | D-1 | L3 | B-1 | S5 | B-2 |
| D7 | C-2 | L4 | D-2 | S6 | D-1 |
| *D8 | C-1 | L5 | D-2 | S7 | D-1 |
| D9 | D-2 | | | S8 | C-2 |
| *D10 | D-2 | Q1 | B-1 | S9 | B-1 |
| D11 | D-2 | Q2 | C-1 | S10 | C-1 |
| D12 | D-2 | Q3 | C-1 | S11 | B-2 |
| D13 | B-1 | *Q4 | C-1 | S12 | A-1 |
| | | Q5 | C-1 | S13 | A-1 |
| IC1 | A-2 | Q6 | D-1 | S14 | A-2 |
| *IC2 | A-1 | *Q7 | D-1 | S15 | D-2 |
| IC3 | A-1 | *Q8 | D-1 | S16 | A-1 |
| IC4 | B-2 | Q9 | D-2 | S18 | A-2 |
| IC5 | B-2 | Q10 | D-2 | | |
| *IC6 | A-2 | *Q11 | D-2 | | |
| IC7 | C-2 | *Q12 | D-2 | | |
| IC8 | C-2 | *Q13 | D-2 | | |
| IC9 | C-2 | | | | |
| IC10 | D-1 | RV1 | C-1 | | |

SW-724
SWITCH PANEL

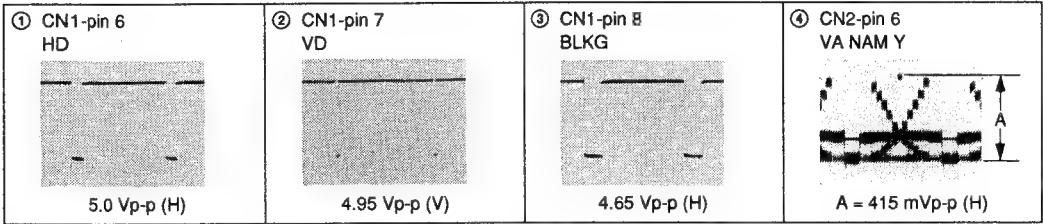
注意：
1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮影し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION
 - OUTPUT : CAM(DCC OFF) • CLOCK : OFF
 - GAIN : 0dB • HYPER GAIN : OFF
 - WHITE BAL : PRESET • MATRIX : OFF
 - SHUTTER : OFF • ATW : OFF
 - ZEBRA MARKER : OFF • A IRIS MODE : STD
 - PHASE : 0°

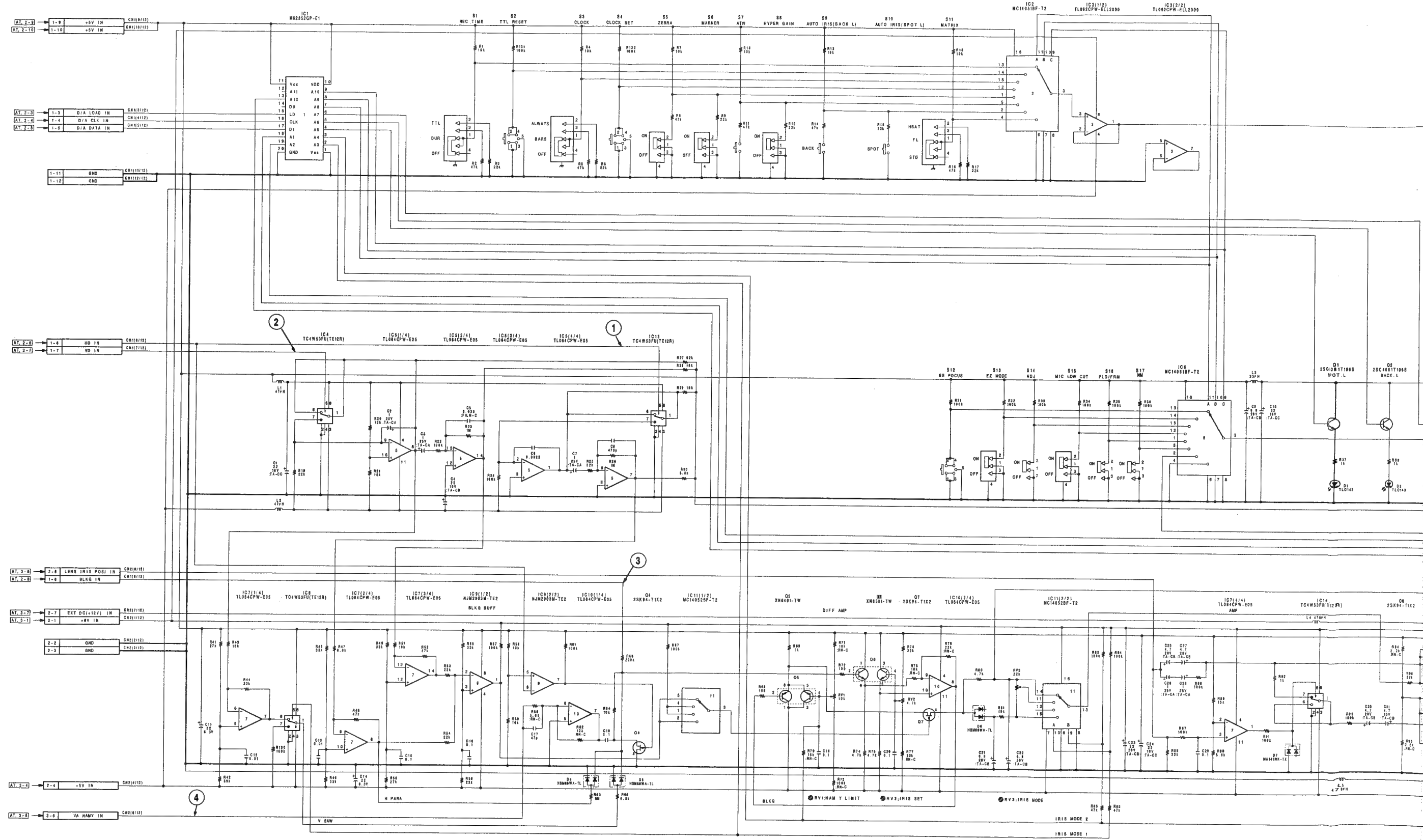
SW-724

NOTE:
1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION
 - OUTPUT : CAM(DCC OFF) • CLOCK : OFF
 - GAIN : 0dB • HYPER GAIN : OFF
 - WHITE BAL : PRESET • MATRIX : OFF
 - SHUTTER : OFF • ATW : OFF
 - ZEBRA MARKER : OFF • A IRIS MODE : STD
 - PHASE : 0°



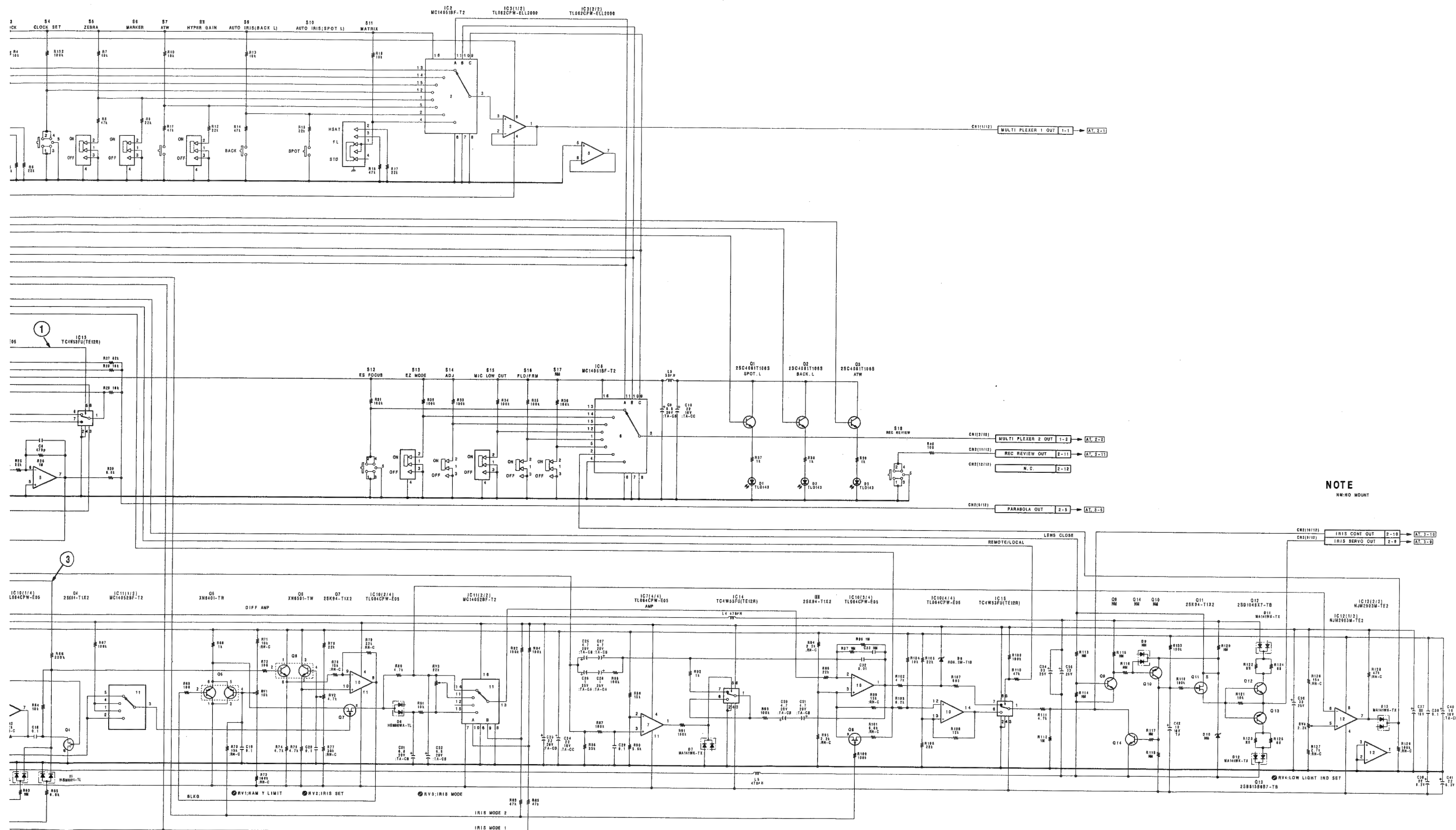
SW-724



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B - 27

B - 27



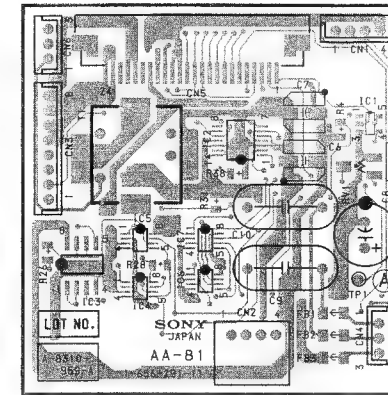
NOTE
NM:HQ MOUNT

NM:HQ MOUNT

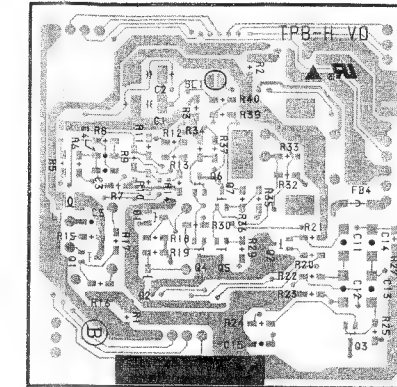
NM:HQ MOUNT

SW-724 BOARD
DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)
B-V0XC637-SW724IM

AA-81 BOARD



1-656-291-11 COMPONENT SIDE



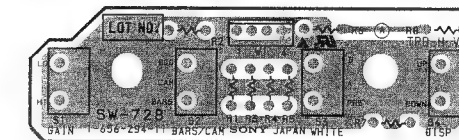
1-656-291-11 SOLDERING SIDE

AA-81 (1-656-291-11)

*: B SIDE

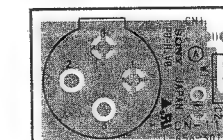
| | | | | | | | | | | | |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-----|
| CN1 | A-2 | *D1 | B-2 | IC1 | A-2 | *L1 | B-2 | *Q6 | A-2 | T1 | A-1 |
| CN2 | B-2 | *D2 | B-2 | IC2 | A-2 | | | *Q7 | A-2 | | |
| CN3 | A-1 | | | IC3 | B-1 | *Q1 | B-2 | | | | |
| CN4 | B-2 | FB1 | B-2 | IC4 | B-1 | *Q2 | B-1 | RV1 | B-2 | | |
| CN5 | A-1 | FB2 | B-2 | IC5 | B-1 | *Q3 | B-1 | | | | |
| CN6 | A-1 | FB3 | B-2 | IC6 | B-1 | *Q4 | B-2 | TP1 | B-2 | | |
| | | *FB4 | B-1 | IC7 | B-1 | *Q5 | B-2 | | | | |

SW-728 BOARD



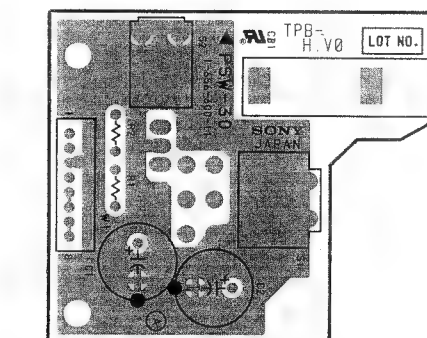
1-656-294-11 COMPONENT SIDE

CN-1106 BOARD



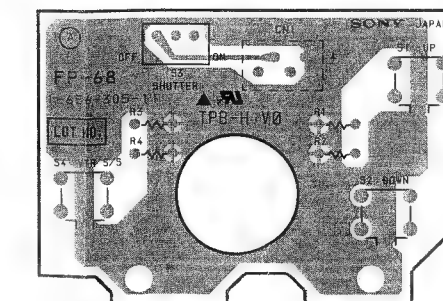
1-656-301-11 COMPONENT SIDE

PSW-30 BOARD



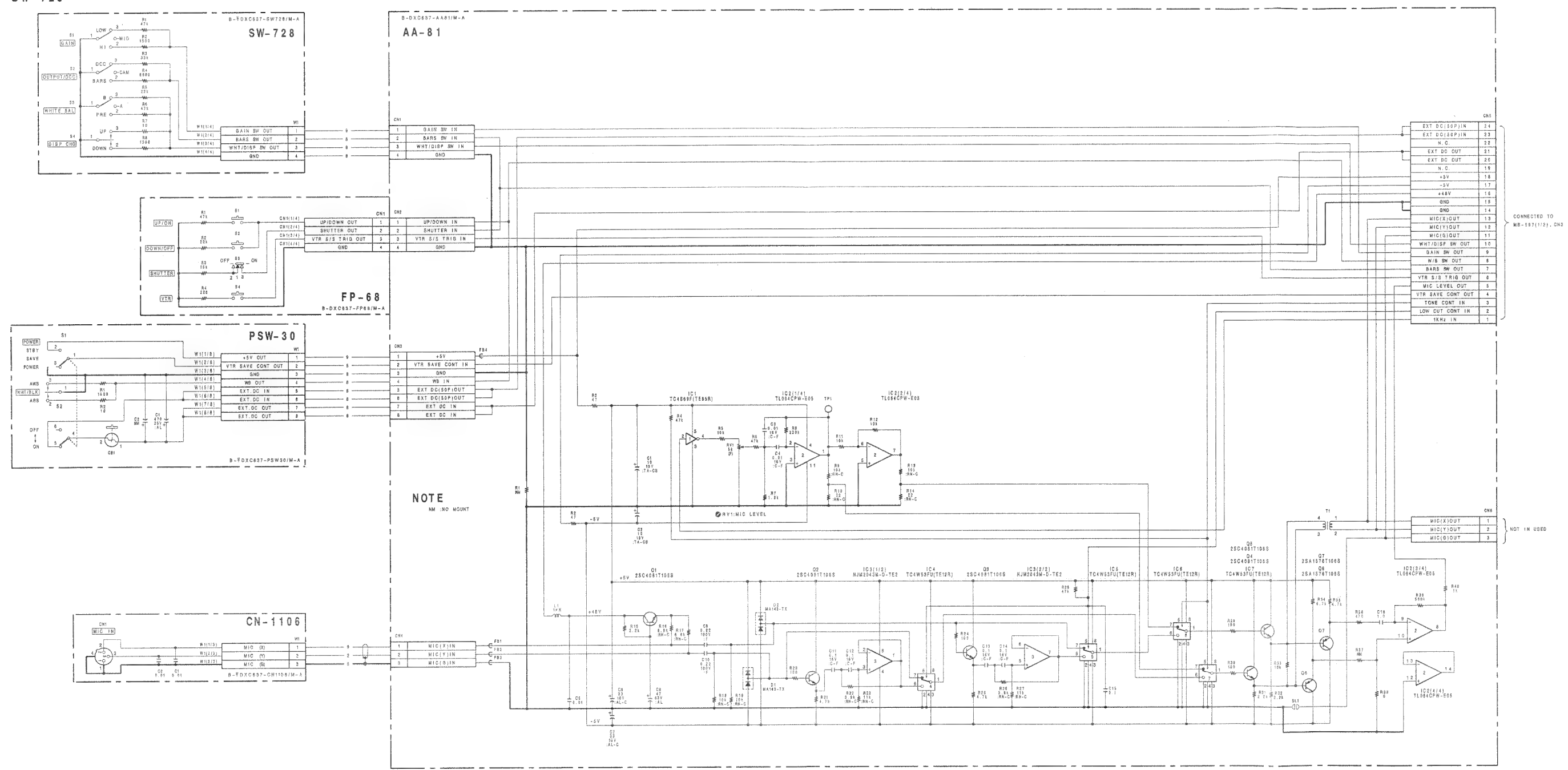
1-656-300-11 COMPONENT SIDE

FP-68 BOARD



1-656-305-11 COMPONENT SIDE

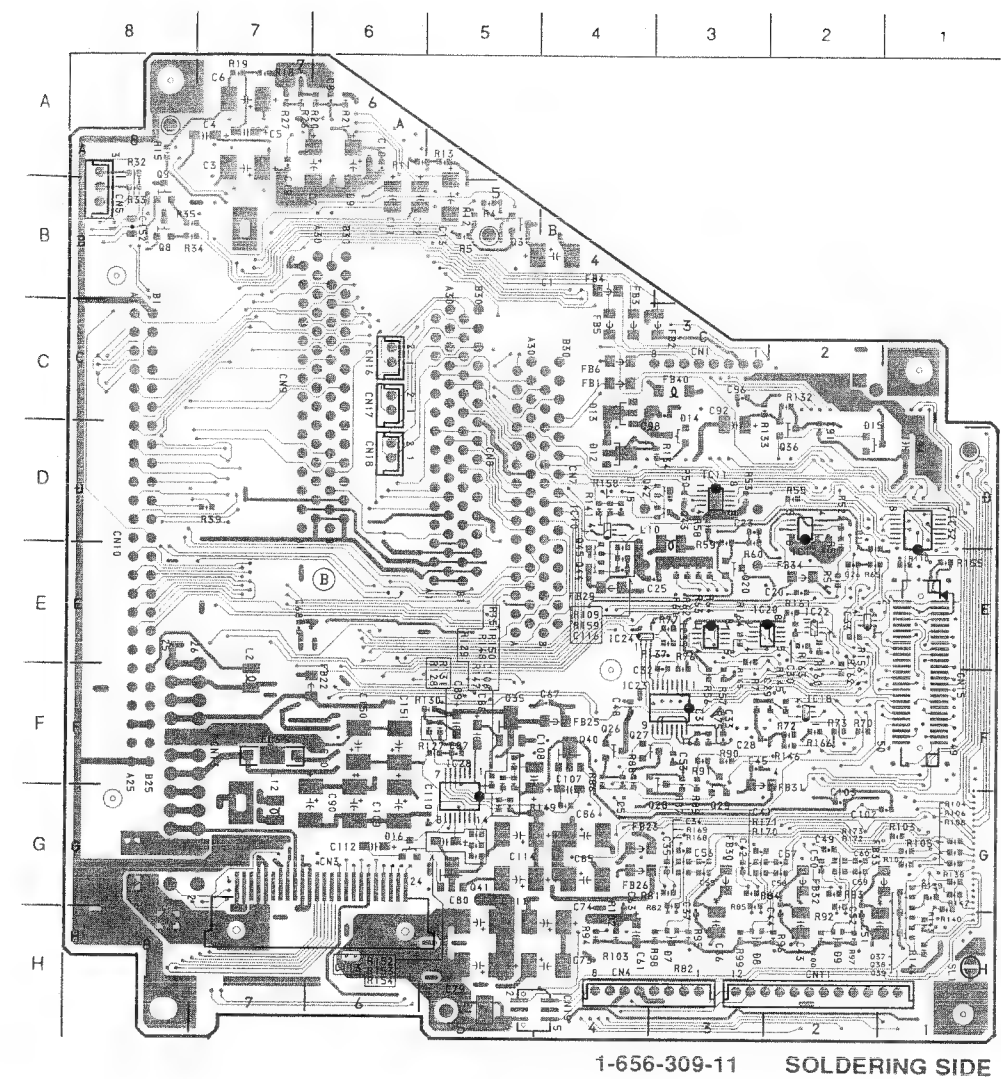
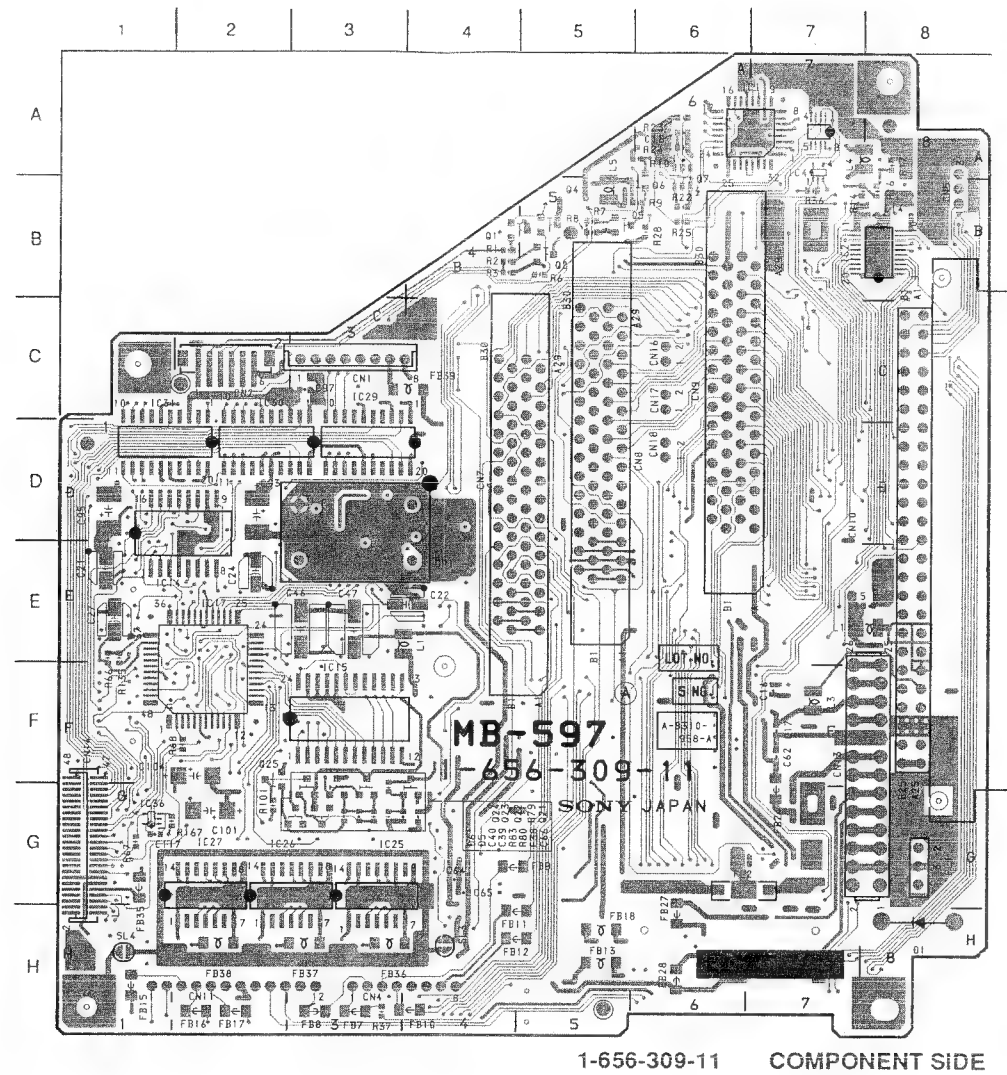
AA-81
CN-1106
FP-68
PSW-30
SW-728



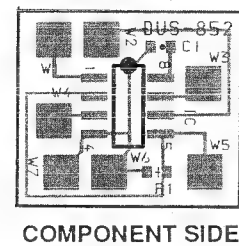
DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

MB-597 BOARD

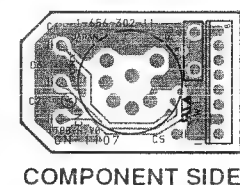
10001-10100 DXC-637 (UC)
30001-30050 DXC-637 (J)
40001-40150 DXC-637P (EK, UC)



DUS-852 BOARD



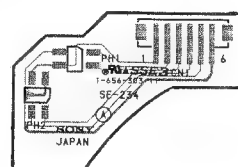
CN-1107 BOARD



1-656-302-11

COMPONENT SIDE

SE-234 BOARD



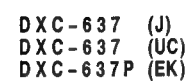
1-656-303-11

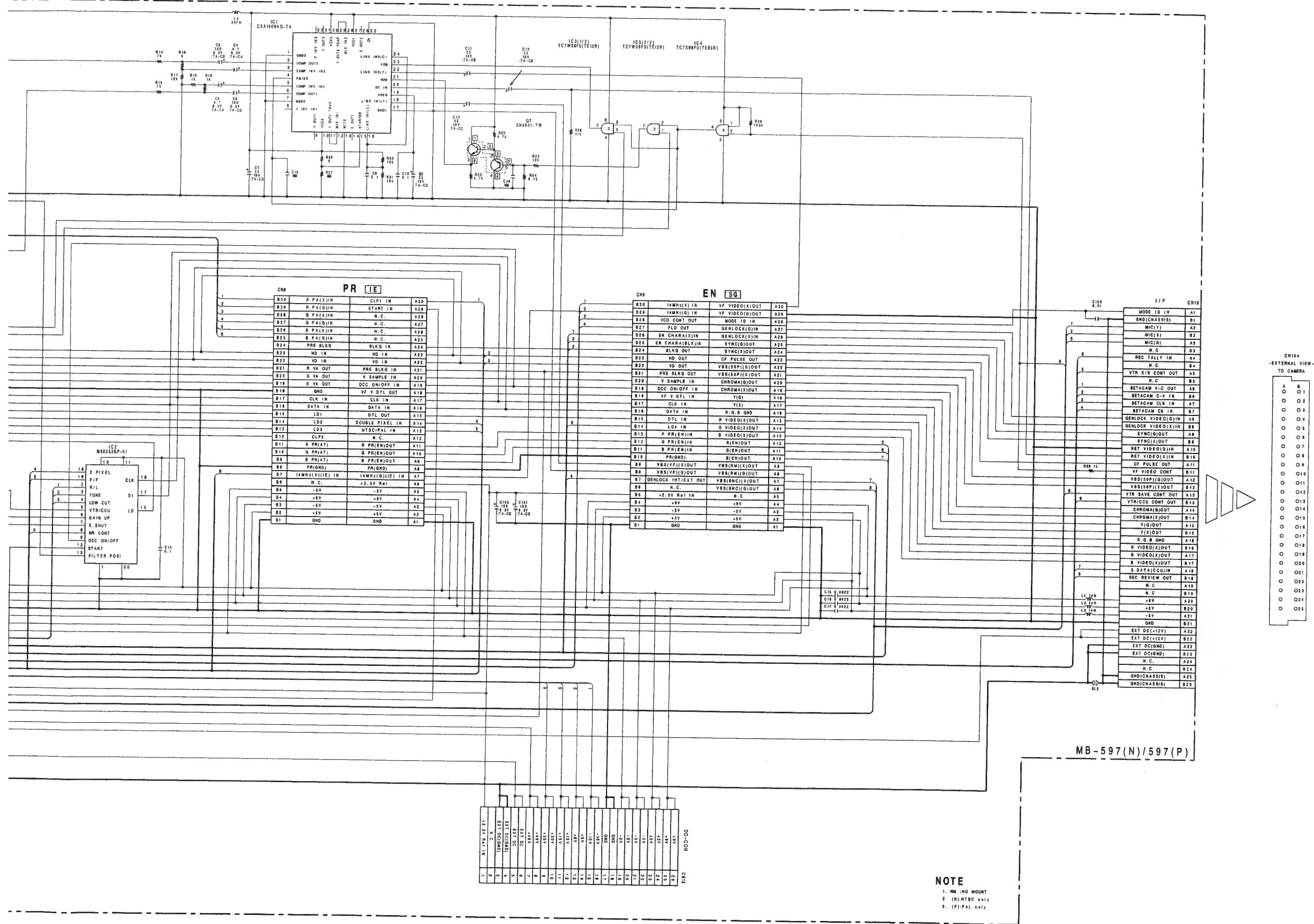
COMPONENT SIDE

MB-597 (1-656-309-11)

*: B SIDE

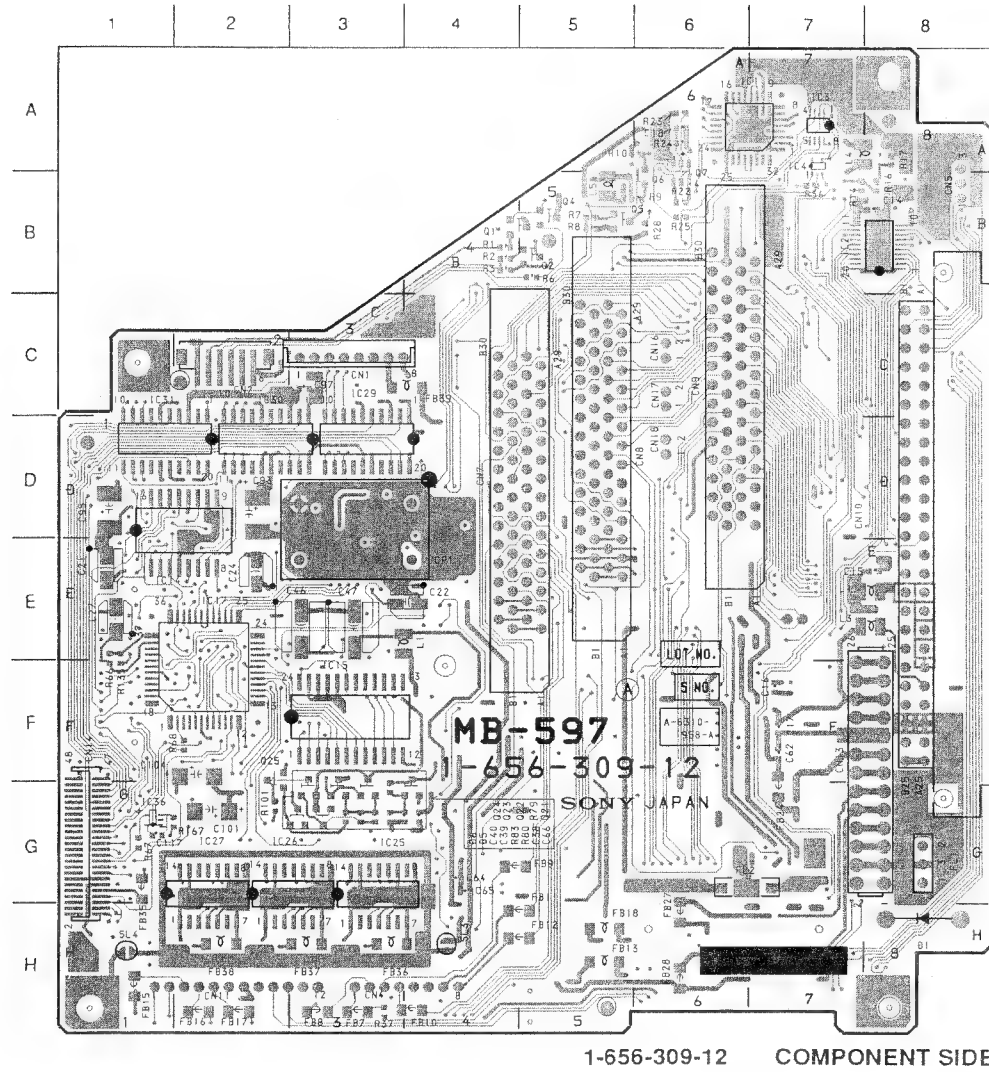
| | | | | | | | | | | | | | |
|-------|-----|------|-----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|
| CN1 | C-3 | D1 | H-8 | FB8 | H-3 | *FB33 | G-2 | IC17 | E-2 | L4 | A-7 | *Q26 | F-4 |
| CN2 | C-2 | D5 | G-4 | FB9 | G-5 | FB35 | H-1 | *IC18 | F-2 | L5 | B-5 | *Q27 | F-4 |
| *CN3 | G-6 | D6 | G-4 | FB10 | H-4 | FB36 | H-3 | *IC20 | E-3 | *L10 | D-4 | *Q28 | G-3 |
| *CN4 | H-4 | *D7 | E-3 | FB11 | G-5 | FB37 | H-3 | *IC22 | E-2 | L11 | E-4 | *Q29 | G-3 |
| *CN5 | B-8 | *D8 | H-3 | FB12 | H-5 | FB38 | H-2 | *IC23 | F-4 | *L12 | F-7 | *Q35 | F-5 |
| CN7 | D-4 | *D9 | H-2 | FB13 | H-5 | FB39 | G-4 | *IC24 | E-4 | | | *Q36 | D-2 |
| CN8 | D-6 | *D12 | D-4 | FB15 | H-1 | *FB40 | C-3 | IC25 | G-3 | Q1 | B-4 | *Q37 | H-2 |
| CN9 | C-6 | *D13 | C-4 | FB16 | H-2 | | | IC26 | G-2 | Q2 | B-5 | *Q38 | H-2 |
| CN10 | D-7 | *D14 | C-3 | FB17 | H-2 | FL1 | G-8 | IC27 | G-2 | *Q3 | B-5 | *Q39 | H-2 |
| *CN11 | H-2 | *D15 | C-2 | FB18 | H-5 | FL2 | G-6 | *IC28 | F-5 | Q4 | B-5 | *Q40 | F-4 |
| CN13 | F-7 | *D16 | G-6 | *FB22 | F-6 | *FL3 | F-7 | IC29 | C-3 | Q5 | B-5 | *Q41 | G-5 |
| CN14 | F-1 | | | *FB23 | G-4 | | | IC30 | C-2 | Q6 | B-6 | *Q42 | D-4 |
| *CN15 | F-1 | *E1 | H-5 | FB24 | G-7 | IC1 | A-6 | IC31 | C-1 | Q7 | B-6 | *Q43 | D-3 |
| *CN16 | C-6 | | | *FB25 | F-4 | IC2 | B-7 | *IC32 | D-1 | *Q8 | B-8 | *Q44 | E-4 |
| *CN17 | C-6 | *FB1 | C-4 | *FB26 | G-4 | IC3 | A-7 | *IC33 | E-2 | *Q9 | A-8 | *Q45 | D-5 |
| *CN18 | D-6 | *FB2 | C-3 | FB27 | H-6 | IC4 | A-7 | *IC35 | E-3 | *Q20 | E-3 | | |
| *CN19 | H-4 | *FB3 | B-4 | FB28 | H-6 | *IC10 | D-4 | IC36 | G-1 | Q21 | G-5 | | |
| *CN20 | E-7 | *FB4 | B-4 | *FB29 | E-4 | *IC11 | D-3 | | | Q22 | G-5 | | |
| | | *FB5 | C-4 | *FB30 | G-3 | *IC12 | E-2 | L1 | E-7 | Q23 | G-4 | | |
| CP1 | E-4 | *FB6 | C-4 | *FB31 | F-2 | IC14 | E-1 | *L2 | E-7 | Q24 | G-4 | | |
| | | FB7 | H-3 | *FB32 | G-2 | IC15 | F-3 | L3 | E-7 | Q25 | F-2 | | |



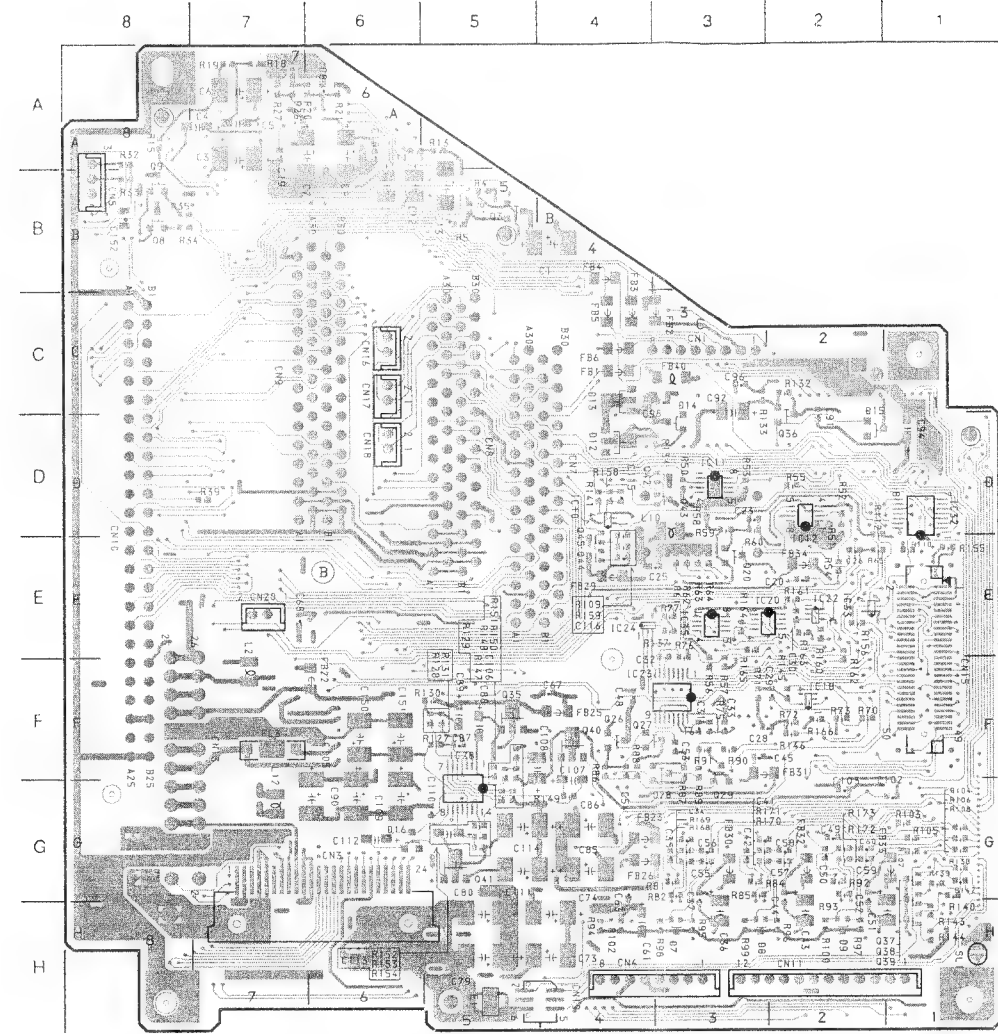


FRAME
MB-597(N) BOARD(1/2)
MB-597(P) BOARD(1/2)
CN-1106 BOARD
CN-1107 BOARD
SE-234 BOARD
DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)
A-YOXCST-FRAMEIN
B-YOXCST-MB597(N-J)
C-YOXCST-CN1107(N-J)
D-YOXCST-SE234(N-J)

| | |
|--------|------------------|
| 10101- | DXC-637 (UC) |
| 30051- | DXC-637 (J) |
| 40151- | DXC637P (EK, UC) |

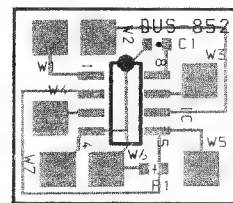


1-656-309-12 COMPONENT SIDE



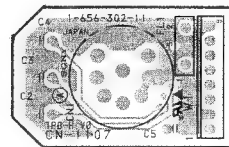
1-656-309-12 SOLDERING SIDE

DUS-852 BOARD



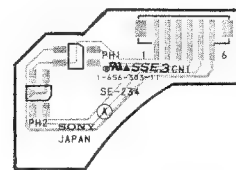
COMPONENT SIDE

CN-1107 BOARD



1-656-302-11 COMPONENT SIDE

SE-234 BOARD



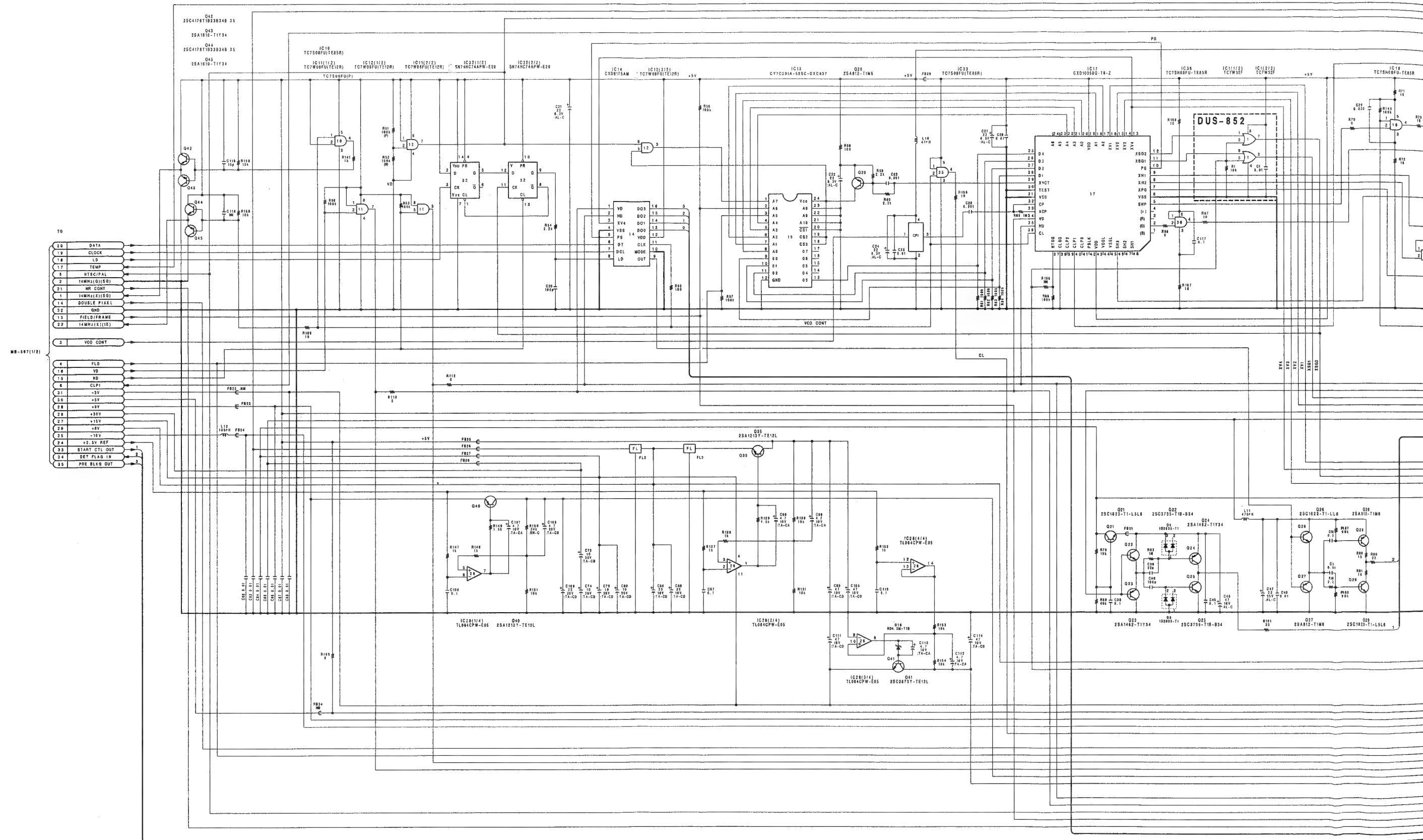
1-656-303-11 COMPONENT SIDE

MB-597 (1-656-309-12)

*: B SIDE

| | | | | | | | | | | | | | |
|-------|-----|------|-----|-------|-----|-------|-----|-------|-----|------|-----|------|-----|
| CN1 | C-3 | D1 | H-8 | FB8 | H-3 | *FB33 | G-2 | IC17 | E-2 | L4 | A-7 | *Q26 | F-4 |
| CN2 | C-2 | D5 | G-4 | FB9 | G-5 | FB35 | H-1 | *IC18 | F-2 | L5 | B-5 | *Q27 | F-4 |
| *CN3 | G-6 | D6 | G-4 | FB10 | H-4 | FB36 | H-3 | *IC20 | E-3 | *L10 | D-4 | *Q28 | G-3 |
| *CN4 | H-4 | *D7 | E-3 | FB11 | G-5 | FB37 | H-3 | *IC22 | E-2 | L11 | E-4 | *Q29 | G-3 |
| *CN5 | B-8 | *D8 | H-3 | FB12 | H-5 | FB38 | H-2 | *IC23 | F-4 | *L12 | F-7 | *Q35 | F-5 |
| CN7 | D-4 | *D9 | H-2 | FB13 | H-5 | FB39 | C-4 | *IC24 | E-4 | | | *Q36 | D-2 |
| CN8 | D-6 | *D12 | D-4 | FB15 | H-1 | *FB40 | C-3 | IC25 | G-3 | Q1 | B-4 | *Q37 | H-2 |
| CN9 | C-6 | *D13 | C-4 | FB16 | H-2 | | | IC26 | G-2 | Q2 | B-5 | *Q38 | H-2 |
| CN10 | D-7 | *D14 | C-3 | FB17 | H-2 | FL1 | G-8 | IC27 | G-2 | *Q3 | B-5 | *Q39 | H-2 |
| *CN11 | H-2 | *D15 | C-2 | FB18 | H-5 | FL2 | G-6 | *IC28 | F-5 | Q4 | B-5 | *Q40 | F-4 |
| CN13 | F-7 | *D16 | G-6 | *FB22 | F-6 | *FL3 | F-7 | IC29 | C-3 | Q5 | B-5 | *Q41 | G-5 |
| CN14 | F-1 | | | *FB23 | G-4 | | | IC30 | C-2 | Q6 | B-6 | *Q42 | D-4 |
| *CN15 | F-1 | *E1 | H-5 | FB24 | G-7 | IC1 | A-6 | IC31 | C-1 | Q7 | B-6 | *Q43 | D-3 |
| *CN16 | C-6 | | | *FB25 | F-4 | IC2 | B-7 | *IC32 | D-1 | *Q8 | B-8 | *Q44 | E-4 |
| *CN17 | C-6 | *FB1 | C-4 | *FB26 | G-4 | IC3 | A-7 | *IC33 | E-2 | *Q9 | A-8 | *Q45 | D-5 |
| *CN18 | D-6 | *FB2 | C-3 | FB27 | H-6 | IC4 | A-7 | *IC35 | E-3 | *Q20 | E-3 | | |
| *CN19 | H-4 | *FB3 | B-4 | FB28 | H-6 | *IC10 | D-4 | IC36 | G-1 | Q21 | G-5 | | |
| *CN20 | E-7 | *FB4 | B-4 | *FB29 | E-4 | *IC11 | D-3 | | | Q22 | G-5 | | |
| | | *FB5 | C-4 | *FB30 | G-3 | *IC12 | E-2 | L1 | E-7 | Q23 | G-4 | | |
| CP1 | E-4 | *FB6 | C-4 | *FB31 | F-2 | IC14 | E-1 | *L2 | E-7 | Q24 | G-4 | | |
| | | FB7 | H-3 | *FB32 | G-2 | IC15 | F-3 | L3 | E-7 | Q25 | F-2 | | |

FRAME(2/2)



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B-33

B-33

A

B

C

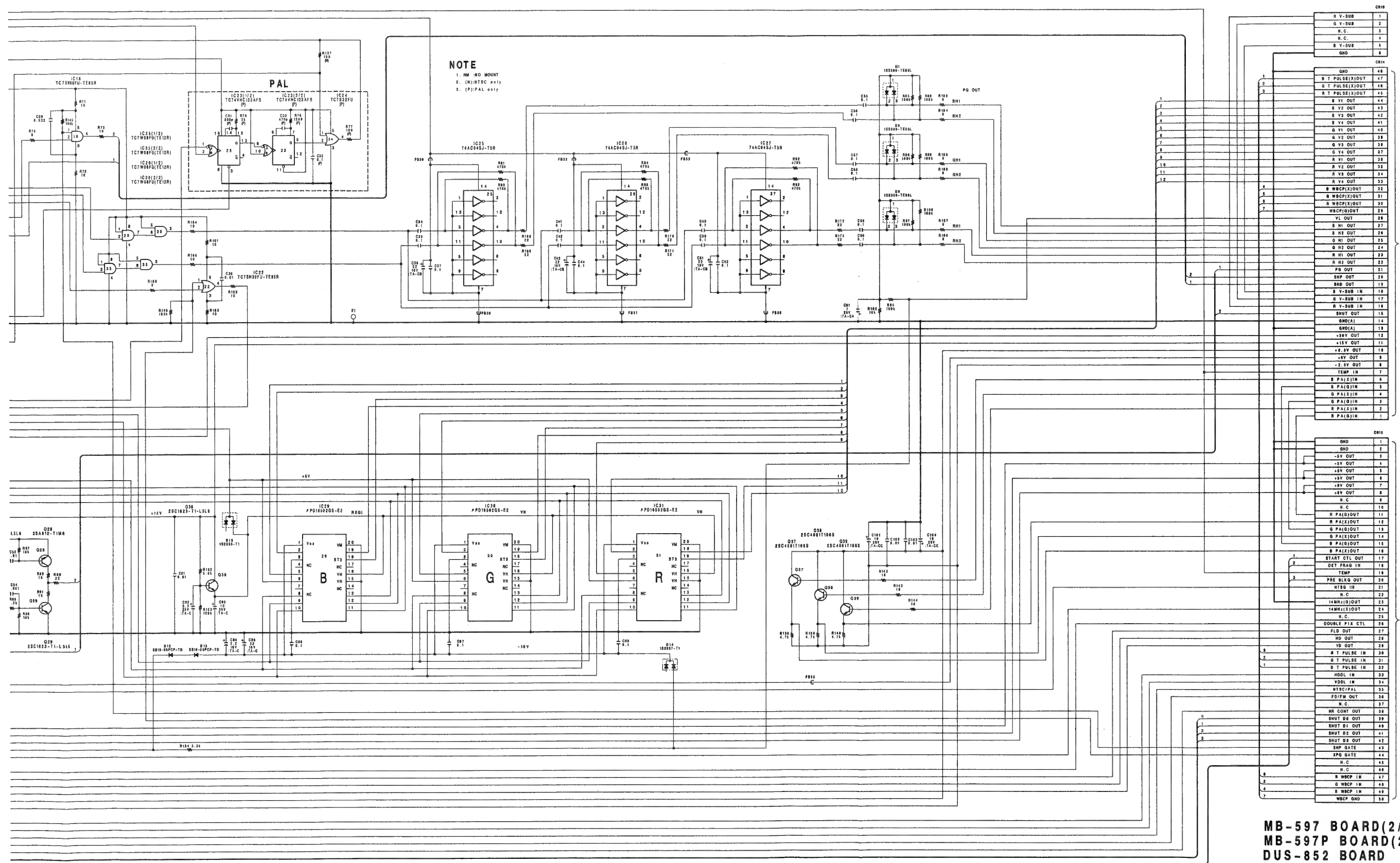
D

E

F

G

H



MB-597 BOARD(2/2)
MB-597P BOARD(2/2)
DUS-852 BOARD
DXC-637(UC)
DXC-637(J)
DXC-637(EK, UC)
B-YDXC637-MR5577M-2

SECTION C SEMICONDUCTOR

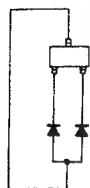
The Circuit diagram of IC is obtained from the IC data book published by the manufacture.

| | TYPE | PAGE | | TYPE | PAGE |
|------------|---------------------|------|----|---------------------|------|
| DIODE | 1S2835 | C-2 | IC | NJM319M | C-13 |
| | 1S2837 | C-2 | | RTC4553B | C-13 |
| | 1SS123 | C-2 | | S-8054HN-CB | C-13 |
| | 1SS300 | C-2 | | SN74HC00APW | C-13 |
| | 1SS303 | C-2 | | SN74HC164ANS | C-13 |
| | HSM107S | C-2 | | SN74HC27ANS | C-13 |
| | HSM88AS | C-2 | | SN74HC574ANS | C-14 |
| | HSM88WA | C-2 | | SN74HC74APW | C-14 |
| | HSM88WK | C-2 | | SN74LS123NS | C-14 |
| | MA141WK | C-2 | | TC4051BFS | C-9 |
| | MA143 | C-2 | | TC4053BFS | C-12 |
| | RD ? ?M | C-2 | | TC4S01F | C-14 |
| | RD ? ?UH | C-2 | | TC4S30F | C-14 |
| | SB10-05PCP | C-2 | | TC4S66F | C-14 |
| | U05G | C-2 | | TC4S69F | C-15 |
| | | | | TC4S71F | C-15 |
| LED | TL0143 | C-2 | | TC4W53F | C-15 |
| TRANSISTOR | 2SA1213 | C-2 | | TC4W53FU | C-15 |
| | 2SA1462 | C-2 | | TC74HC4052AFS | C-15 |
| | 2SA1576 | C-2 | | TC74HC4053AFS | C-12 |
| | 2SA1610 | C-2 | | TC74HC4538AFS | C-15 |
| | 2SA1611 | C-2 | | TC74VHC08FS | C-15 |
| | 2SA812 | C-2 | | TC74VHC157FS | C-16 |
| | 2SB815B6B7 | C-2 | | TC74VHC32FS | C-16 |
| | 2SC1009A | C-2 | | TC7S00F | C-16 |
| | 2SC1623 | C-2 | | TC7S02F | C-14 |
| | 2SC2873Y | C-2 | | TC7S04F | C-15 |
| | 2SC3735 | C-2 | | TC7S08F | C-16 |
| | 2SC4081 | C-2 | | TC7S08FU | C-16 |
| | 2SC4176 | C-2 | | TC7S32F | C-16 |
| | 2SC4177 | C-2 | | TC7SH08FU | C-16 |
| | 2SD1048 | C-2 | | TC7SH32FU | C-16 |
| | 2SK853 | C-2 | | TC7W08FU | C-16 |
| | 2SK94 | C-2 | | TL062CPS | C-16 |
| | 3SK163 | C-2 | | TL062CPW | C-16 |
| | FMP1 | C-2 | | TL064CNS | C-17 |
| | XN4601 | C-2 | | TL064CPW | C-17 |
| | XN6401 | C-2 | | UPC311G2 | C-17 |
| | XN6435 | C-2 | | UPC358G2 | C-17 |
| | XN6501 | C-2 | | UPC812G2 | C-17 |
| | XN6534 | C-2 | | UPD16502GS | C-17 |
| | | | | UPD6453GT | C-18 |
| | | | | X24C02S-3.0 | C-17 |
| IC | 74AC04SJ | C-3 | | | |
| | CX22017 | C-3 | | | |
| | CXA1409AQ | C-3 | | | |
| | CXD1176Q | C-4 | | | |
| | CXD1216M | C-4 | | | |
| | CXD1217Q | C-6 | | | |
| | CXD2307R | C-5 | | | |
| | CXD2310R | C-5 | | | |
| | CXD8154BM | C-8 | | | |
| | CXK1203AR | C-7 | | | |
| | CY7C291A-50SC | C-8 | | | |
| | HD6475368SF | C-10 | | | |
| | LM35DM | C-8 | | | |
| | LT1253CS8 | C-9 | | | |
| | M62352GP | C-9 | | | |
| | M6M80011AFP | C-8 | | | |
| | MAX452CSA | C-9 | | | |
| | MB88351PFV | C-12 | | | |
| | MC14051BF | C-9 | | | |
| | MC14052BF | C-9 | | | |
| | MC14053BF | C-12 | | | |
| | MC74HC4053F | C-12 | | | |
| | NJM1496M | C-12 | | | |
| | NJM2043M | C-12 | | | |
| | NJM2903M | C-12 | | | |

DIODE, LED, TRANSISTOR

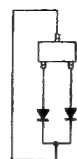
DIODE

(SCALE 4/1)
TOP VIEW



1S2835
1SS300
1SS303
HSM88WA

(SCALE 4/1)
TOP VIEW



1S2837
HSM88WK
MA141WK

(SCALE 4/1)
TOP VIEW



1SS123
HSM107S
HSM88AS
MA143

(SCALE 4/1)
TOP VIEW



RD ? ?M

(SCALE 6/1)
TOP VIEW



RD ? ?UH

(SCALE 4/1)
TOP VIEW



SB10-05PCP



U05G

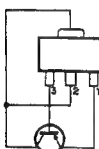
LED



TL0143

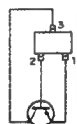
TRANSISTOR

(SCALE 4/1)
TOP VIEW



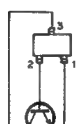
2SA1213

(SCALE 4/1)
TOP VIEW



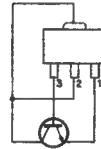
2SA1462
2SA1576
2SA1610
2SA1611
2SA812
2SB815B6B7

(SCALE 4/1)
TOP VIEW



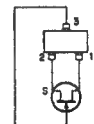
2SC1009A
2SC1623
2SC3735
2SC4081
2SC4176
2SC4177
2SD1048

TOP VIEW (SCALE 4/1)

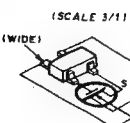


2SC2873Y

TOP VIEW (SCALE 4/1)



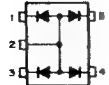
2SK853
2SK94



(SCALE 3/1)
TOP VIEW

3SK163

TOP VIEW



FMP1

(SCALE 6/1)
TOP VIEW



XN4601

(SCALE 6/1)
TOP VIEW



XN6401
XN6435

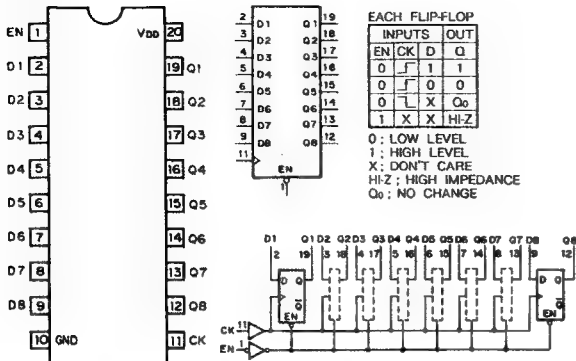
(SCALE 6/1)
TOP VIEW



XN6501
XN6534

IC

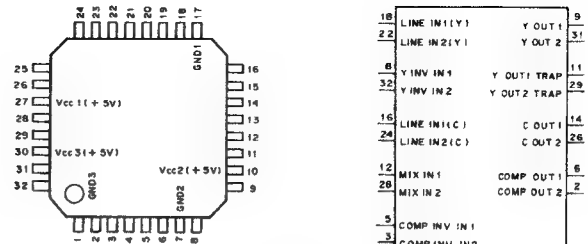
74AC04SJ (NS) FLAT PACKAGE

C-MOS HEX INVERTERS
- TOP VIEW -

NOTE:

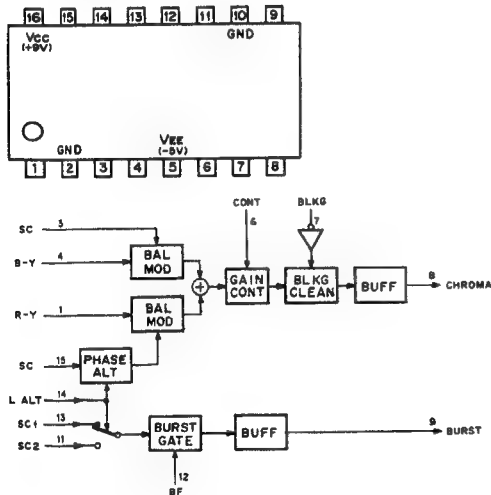
| TYPE | V _{DD} |
|--------------------------|-----------------|
| 74AC/74HC | +2 to +5V |
| 74ACT/74FCT /74HCT | +5V |
| TC74AC574F TC74VHC574 | +2 to +5.5V |

CX41409AQ (SONY)

VIDEO SWITCH
- TOP VIEW -

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|------------------|---------|-----|------------------|
| 1 | - | GND3 | 17 | - | GND1 |
| 2 | O | COMP OUT2 | 18 | I | LINE IN1(Y) |
| 3 | I | COMP INV IN2 | 19 | O | VREG |
| 4 | I | PB/EE | 20 | I | EE IN |
| 5 | I | COMP INV IN1 | 21 | I | VOW |
| 6 | O | COMP OUT1 | 22 | I | LINE IN2(Y) |
| 7 | - | GND2 | 23 | I | VOB |
| 8 | I | Y INV IN1 | 24 | I | LINE IN2(C) |
| 9 | O | Y OUT1 | 25 | I | OV |
| 10 | - | V _{CC2} | 26 | O | C OUT2 |
| 11 | O | Y OUT1 TRAP | 27 | - | V _{CC1} |
| 12 | I | MIX IN1 | 28 | I | MIX IN2 |
| 13 | I | MUTE | 29 | O | YOUT2 TRAP |
| 14 | O | C OUT1 | 30 | - | V _{CC3} |
| 15 | I | STARTER | 31 | O | YOUT2 |
| 16 | I | LINE IN1(C) | 32 | I | Y INV IN2 |

CX22017 (SONY)

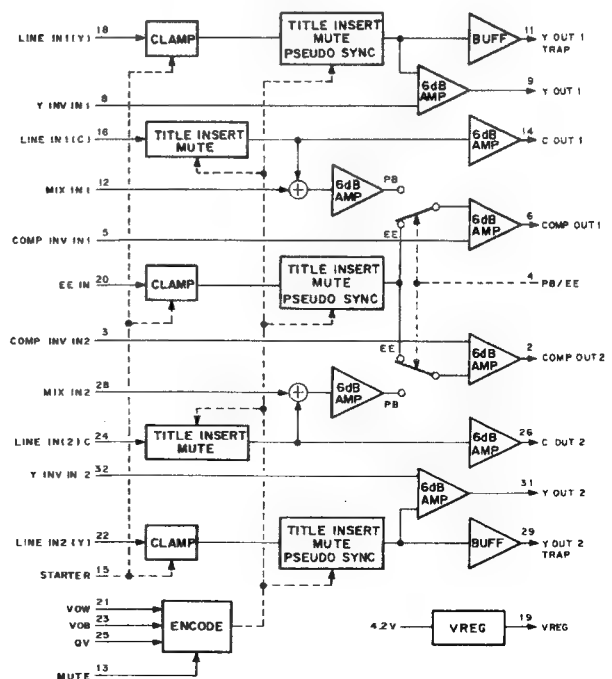
VIDEO SIGNAL PROCESSOR
- TOP VIEW -

INPUT

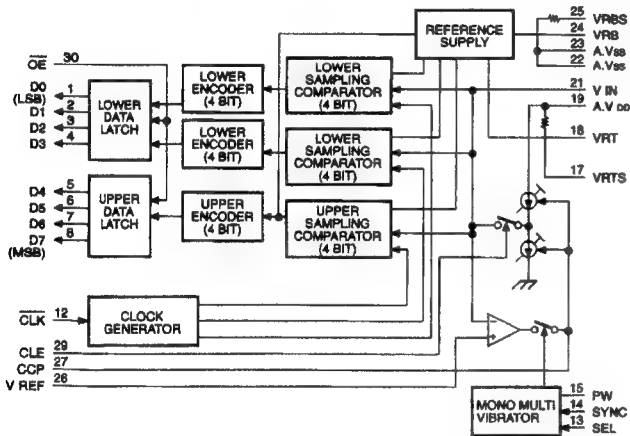
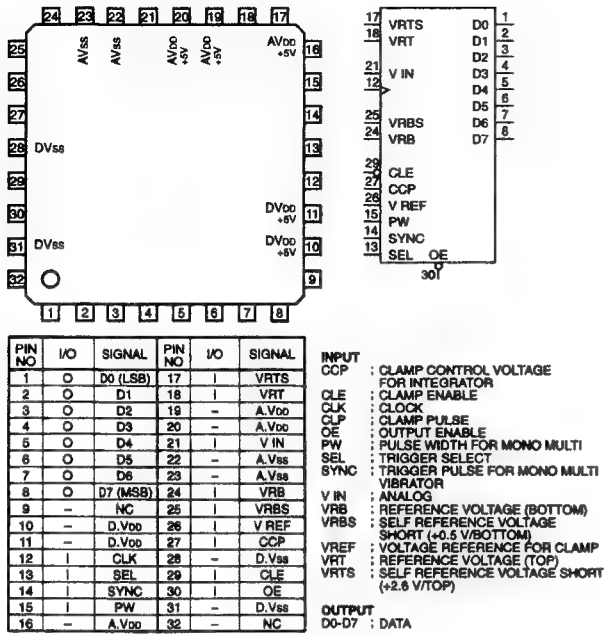
COMP INV IN1, COMP INV IN2 : COMPENSATES V SAG.
EEIN : Y AND COMPOSITE SIGNAL AFTER DIODE CLAMPING.
PB/EE : SWITCHES PB/EE. H (±2V) : PB MODE. L (±1V) : EE MODE.
LINE IN1(C), LINE IN2(C) : CHROMA SIGNAL.
LINE IN1(Y), LINE IN2(Y) : Y AND COMPOSITE SIGNAL AFTER DIODE CLAMPING.
MIX IN1, MIX IN2 : Y SIGNAL FROM Y OUT1/OUT2 TRAP.
MUTE : TIMING PULSE FOR MUTING VIDEO SIGNAL.
STARTER : ACCELERATES CLAMPING AT TRANSITION (POWER TURNING ON, etc.)
Y INV IN1, Y INV IN2 : COMPENSATES V SAG.
OV : TIMING PULSE FOR SETTING VIDEO SIGNAL TO FALSE SYNC.
VOB : TIMING PULSE FOR SETTING VIDEO SIGNAL TO NO-LEVEL.
VOW : TIMING PULSE FOR SETTING VIDEO SIGNAL Y LEVEL.

OUTPUT

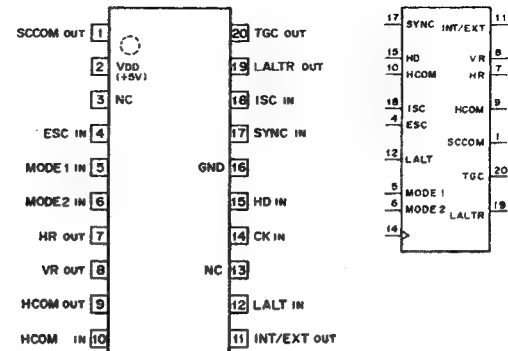
COMP OUT1, COMP OUT2 : VIDEO SIGNAL (Y AND COMPOSITE)
C OUT1, C OUT2 : VIDEO SIGNAL (CHROMA SIGNAL)
Y OUT1, Y OUT2 : VIDEO SIGNAL (Y AND COMPOSITE)
Y OUT1 TRAP, Y OUT2 TRAP : Y SIGNAL BEFORE Y/C MIX
VREG : INTERNAL REGULATOR (4.2V)

DXC-637 (J,UC)
DXC-637P (EK)

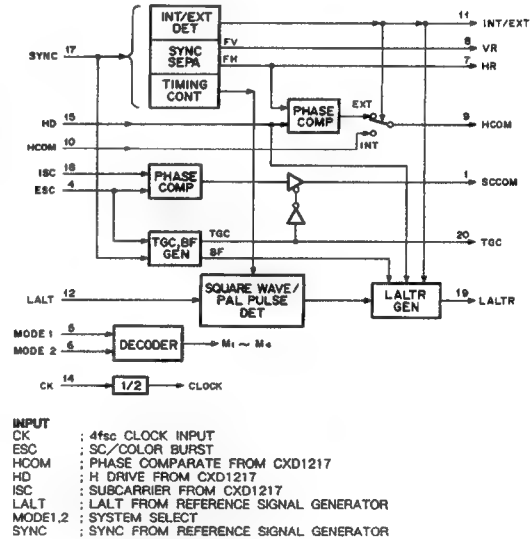
CXD1176Q (SONY)

C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
- TOP VIEW -

CXD1216M (SONY) FLAT PACKAGE

C-MOS GENLOCK DRIVER
- TOP VIEW -

| INPUT | MODE1 | MODE2 | MODE | SYSTEM |
|-------|-------|-------|------|--------------------------|
| 0 | 0 | 0 | M1 | PAL-VBS |
| 1 | 0 | 1 | M2 | PALM-VBS |
| 0 | 1 | 0 | M3 | PAL-SECAM-VS/SC/LALT |
| 1 | 1 | 1 | M4 | NTSC-VBS/NTSC-VS/SC/LALT |

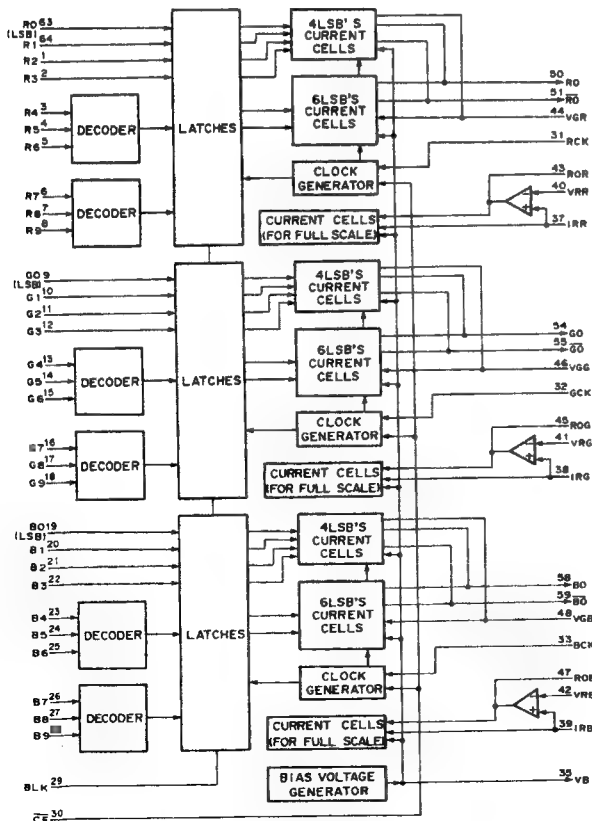
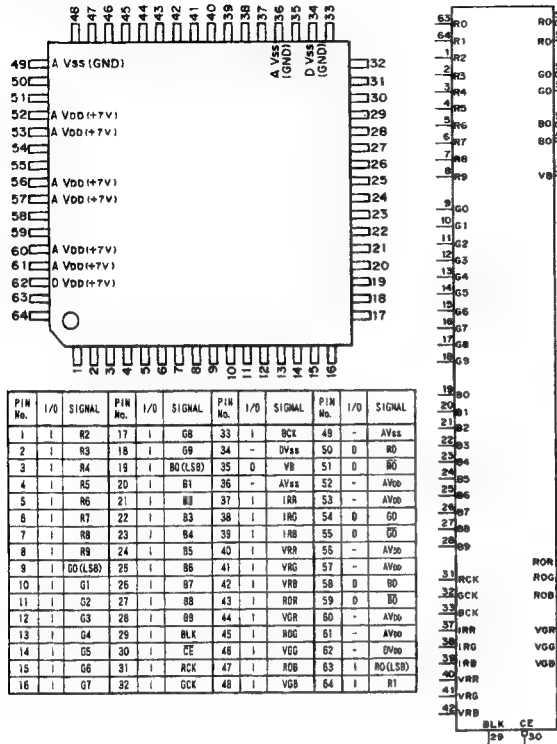
0 : LOW LEVEL
1 : HIGH LEVEL

INPUT
CK : 4fsc CLOCK INPUT
ESC : SC/COLOR BURST
HCOM : PHASE COMPARE FROM CXD1217
HD : H DRIVE FROM CXD1217
ISC : SUBCARRIER FROM CXD1217
LALT : LALT FROM REFERENCE SIGNAL GENERATOR
MODE1,2 : SYSTEM SELECT
SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

OUTPUT
HCOM : PHASE COMPARE HR WITH HD
HR : H OF SYNC SEPARATE
INT/EXT : INTERNAL/EXTERNAL SPECIFIED
LALTR : LINE CHANGE RESET
SCCOM : PHASE COMPARE ESC WITH ISC
TGC : TRISTATE CONTROL
VR : V OF SYNC SEPARATE

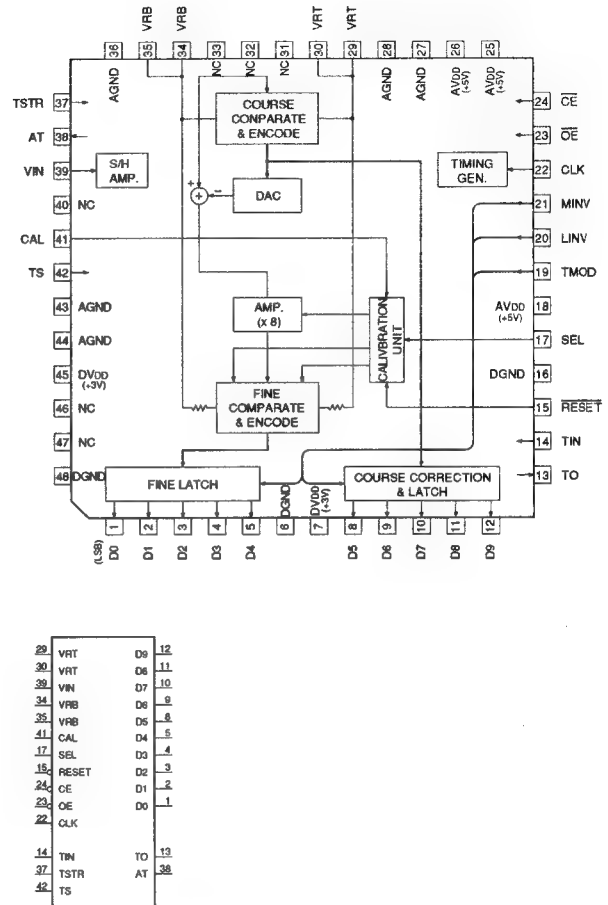
CXD2307R (SONY) FLAT PACKAGE

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER
- TOP VIEW -



CXD2310R (SONY)

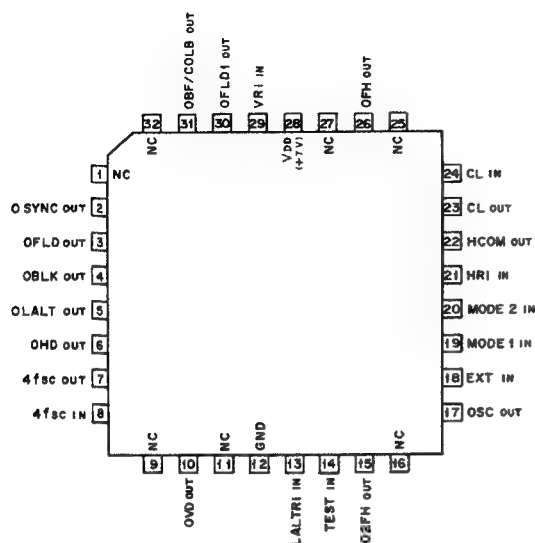
C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER
-TOP VIEW-



INPUT
CAL : CALIBRATION PULSE INPUT
CE : CHIP ENABLE
CLK : CLOCK
LINV : OUTPUT (D0-D8) INVERSION
MINV : OUTPUT (D9) INVERSION
OE : DIGITAL DATA OUTPUT ENABLE
RESET : CALIBRATION CIRCUIT RESET
SEL : OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4: CLOCK)
TIN : TEST SIGNAL INPUT
TMOD : TEST MODE
TS : TEST SIGNAL INPUT
TSTR : TEST SIGNAL INPUT
VRB : REFERENCE BOTTOM VOLTAGE
VRT : REFERENCE TOP VOLTAGE

OUTPUT
AT : TEST SIGNAL OUTPUT
D0-D9 : DIGITAL DATA OUTPUT
TO : TEST PIN

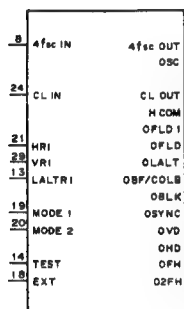
CXD1217Q (SONY) FLAT PACKAGE

C-MOS SYNC GENERATOR
- TOP VIEW -

| SYSTEM | 4fsc | CLOCK |
|--------|--------------------------------------|-------------------|
| NTSC | 910f _H | 910f _H |
| PAL | 1135f _H + 2f _V | 908f _H |
| PALM | 908f _H | 910f _H |
| SECAM | — | 908f _H |

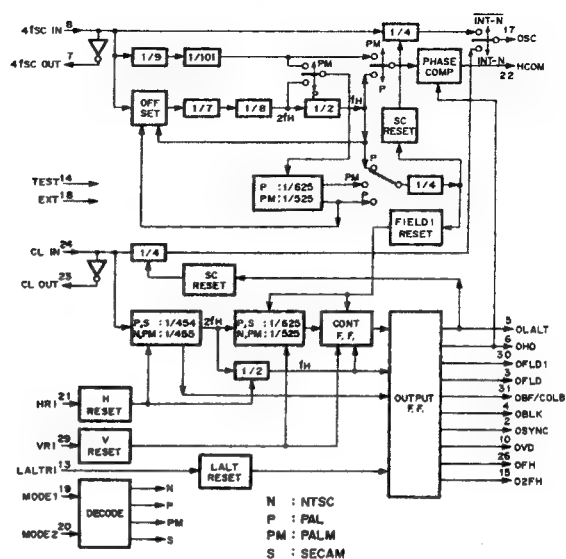
| INPUT | | SYSTEM |
|-------|-------|--------|
| MODE1 | MODE2 | |
| 0 | 0 | NTSC |
| 0 | 1 | SECAM |
| 1 | 0 | PALM |
| 1 | 1 | PAL |

0: LOW LEVEL
1: HIGH LEVEL

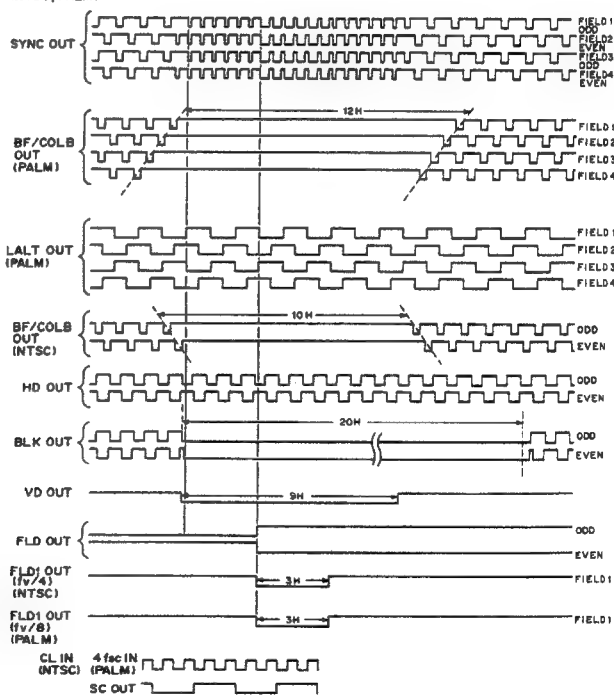


INPUT
4fsc IN : 4fsc
CL IN : CLOCK
EXT : SYNC MODE SELECT
(L: INTERNAL/H: EXTERNAL)
HRI : HORIZONTAL RESET
LALTRI : LINE ALTERNATE RESET
MODE1,2 : SYSTEM SELECT
VRI : VERTICAL RESET

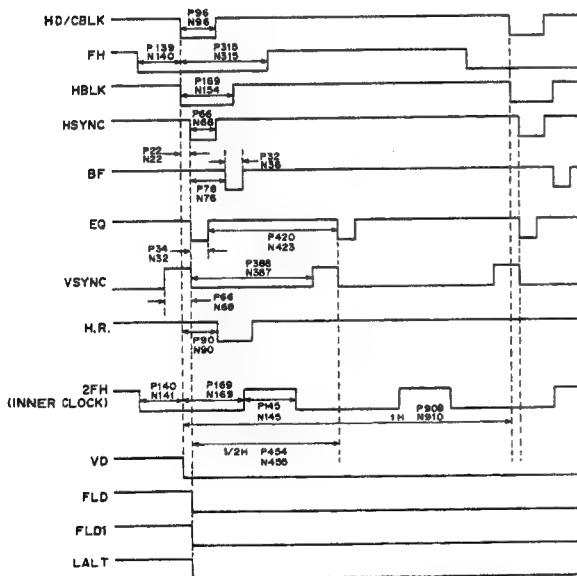
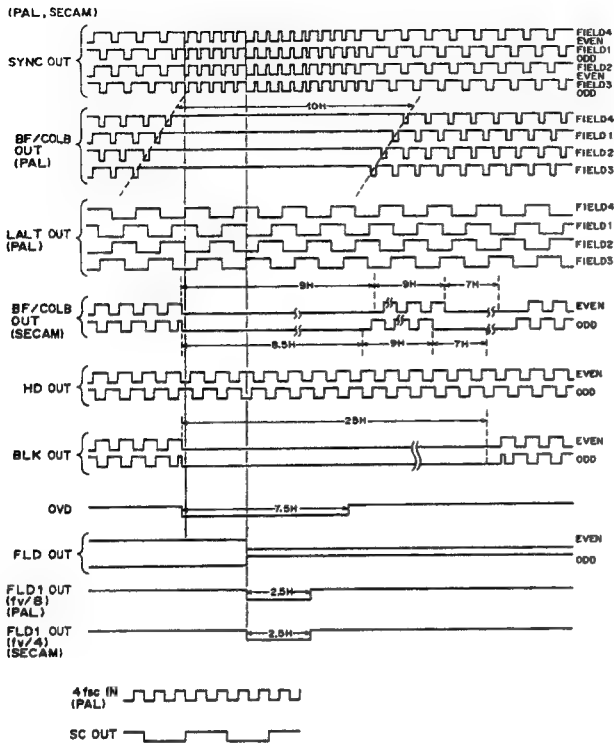
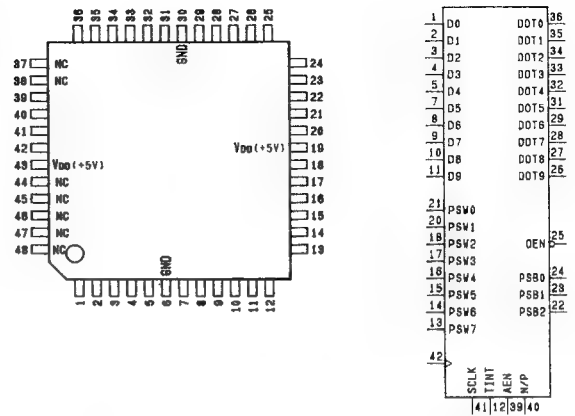
OUTPUT
4fsc OUT : 4fsc
CL OUT : CLOCK
HCOM : PHASE COMPARATOR
O2FH : 2f_H
OBF/COLB : BURST FLAG/COLOR BLANKING
OBLK : COMPOSITE BLANKING
OFH : f_H
OFLD : FIELD PULSE
OFLD1 : FIELD1
OHD : HORIZONTAL DRIVE
OLALT : LINE ALTERNATE
OSC : SUBCARRIER
OSYNC : COMPOSITE SYNC
OVD : VERTICAL DRIVE



(INTSC, PALM)



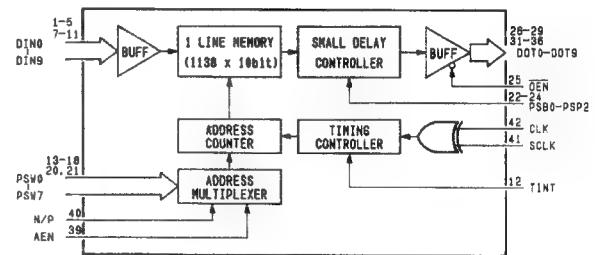
CXK1203AR (SONY) FLAT PACKAGE

C-MOS DIGITAL LINE MEMORY
- TOP VIEW -P: PAL, SECAM
N: NTSC, PALM

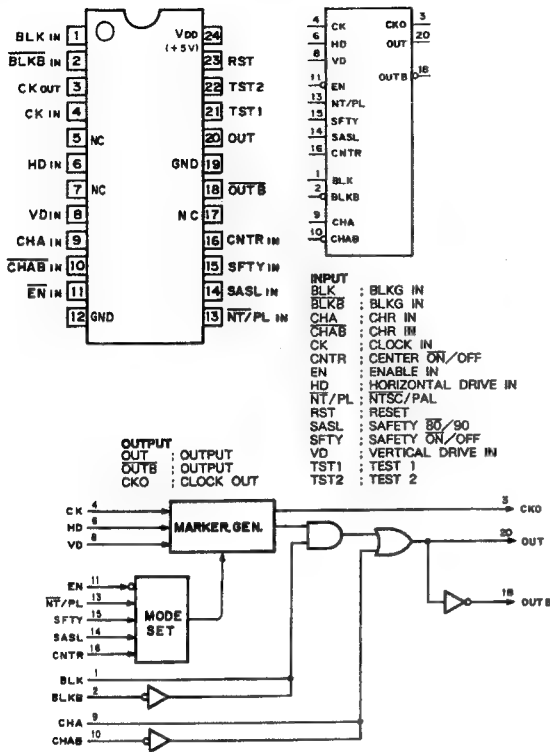
(VDD = +5V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1 | I | D0 | 13 | I | PSW7 | 25 | I | OEN | 37 | - | N.C. |
| 2 | I | D1 | 14 | I | PSW6 | 26 | O | DOT9 | 38 | - | N.C. |
| 3 | I | D2 | 15 | I | PSW5 | 27 | O | DOT8 | 39 | I | AEN |
| 4 | I | D3 | 16 | I | PSW4 | 28 | O | DOT7 | 40 | I | N/P |
| 5 | I | D4 | 17 | I | PSW3 | 29 | O | DOT6 | 41 | I | SCLK |
| 6 | - | GND | 18 | I | PSW2 | 30 | - | GND | 42 | I | CLK |
| 7 | I | D5 | 19 | - | VDD | 31 | O | DOT5 | 43 | - | VDD |
| 8 | I | D6 | 20 | I | PSW1 | 32 | O | DOT4 | 44 | - | N.C. |
| 9 | I | D7 | 21 | I | PSW0 | 33 | O | DOT3 | 45 | - | N.C. |
| 10 | I | D8 | 22 | I | PSB2 | 34 | O | DOT2 | 46 | - | N.C. |
| 11 | I | D9 | 23 | I | PSB1 | 35 | O | DOT1 | 47 | - | N.C. |
| 12 | I | TINT | 24 | I | PSB0 | 36 | O | DOT0 | 48 | - | N.C. |

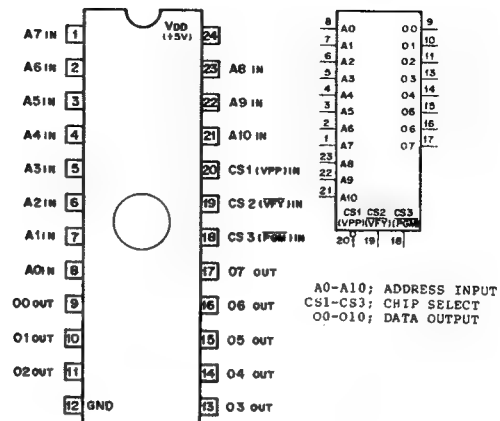
AEN : LINE MEMORY SELECT
CLK : CLOCK
DIN0-DIN9 : VIDEO DATA INPUT
DOT0-DOT9 : VIDEO DATA OUTPUT
N/P : NTSC/PAL/SECAM SELECT
OEN : OUTPUT ENABLE
PSB0-PSB2 : DELAY STEP SELECT (1 BITXN)
PSW0-PSW7 : DELAY STEP SELECT (8 BITXN)
SCLK : CLOCK EDGE SELECT
TINT : TEST



CXD8154BM (SONY)

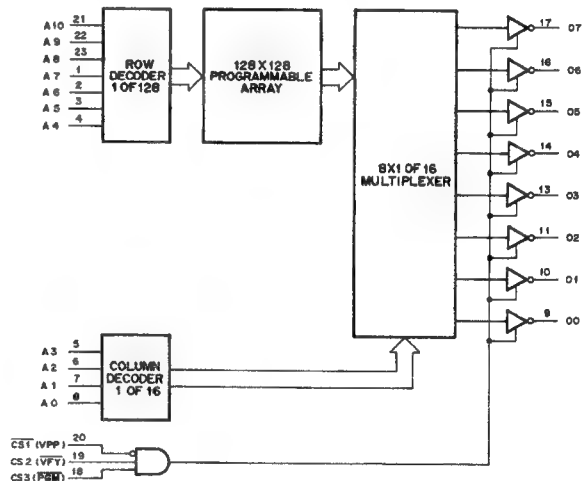
C-MOS GATE ARRAY
- TOP VIEW -

CY7C291A-50SC (CYPRESS)

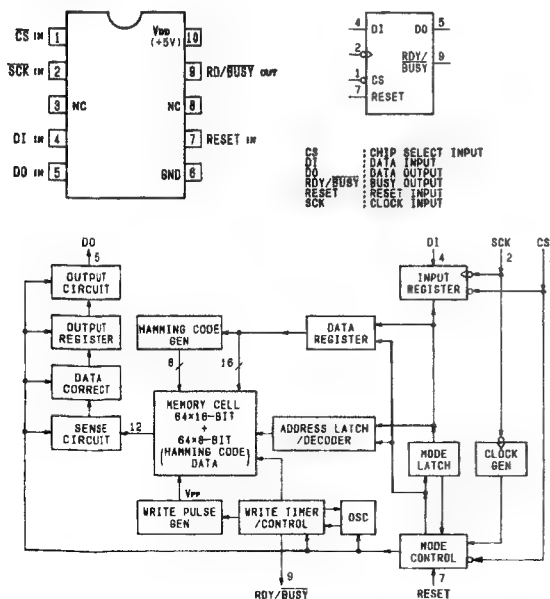
C-MOS 16K(2048X8)-BIT EPROM
- TOP VIEW -

| CS1 | CS2 | CS3 | OUTPUTS | MODE |
|-----|-----|-----|----------|---------------------|
| 0 | 1 | 1 | DATA OUT | READ |
| 1 | X | X | HI-Z | OUTPUT DISABLE |
| X | 0 | X | HI-Z | OUTPUT DISABLE |
| X | X | 0 | HI-Z | OUTPUT DISABLE |
| VPP | 1 | 0 | DATA IN | PROGRAM |
| VPP | 0 | 1 | DATA OUT | PROGRAM VERIFY |
| VPP | 1 | 1 | HI-Z | PROGRAM INHIBIT |
| VPP | 1 | 0 | DATA IN | INTELLIGENT PROGRAM |
| 0 | 0 | VPP | ONES | BLANK CHECK ONES |
| 0 | 1 | VPP | ZEROS | BLANK CHECK ZEROS |

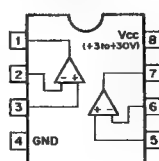
0: LOW LEVEL
 1: HIGH LEVEL
 X: DON'T CARE
 (NOT TO EXCEED VDD +5V)
 HI-Z: HIGH IMPEDANCE
 VPP: PROGRAMING VOLTAGE
 (+13V to +14V)



M6M80011AFP (MITSUBISHI) FLAT PACKAGE

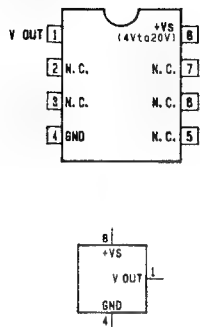
C-MOS 1K(64X16)BIT ERASABLE PROM
- TOP VIEW -

LM35DM (NSC) FLAT PACKAGE

TEMPERATURE SENSOR
- TOP VIEW -

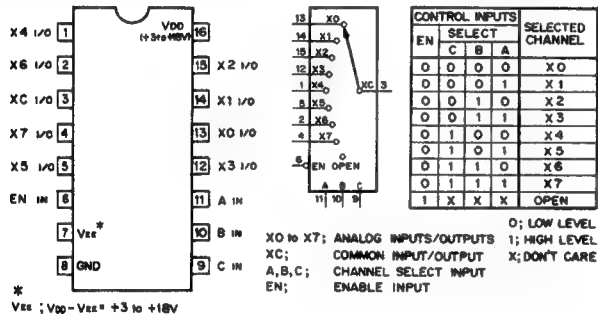
LT1253CS8 (LINEAR TECHNOLOGY) FLAT PACKAGE

DUAL AND QUAD VIDEO AMPLIFIERS
- TOP VIEW -



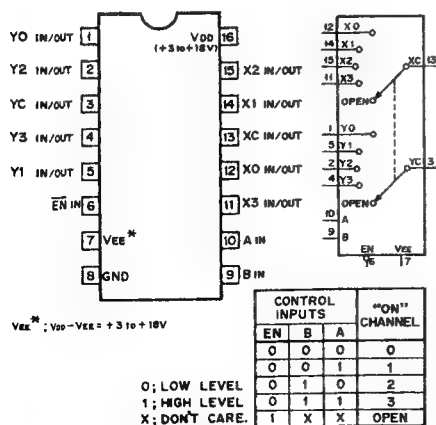
MC14051BF (MOTOROLA) FLAT PACKAGE
TC4051BFS (TOSHIBA) FLAT PACKAGE

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -



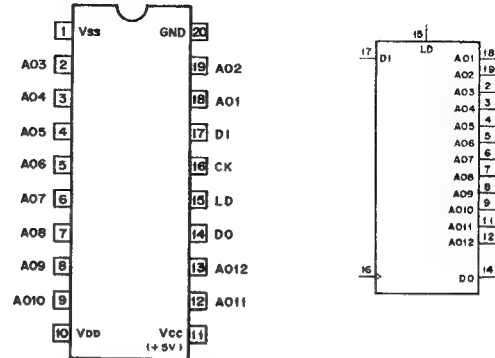
MC14052BF (MOTOROLA) FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
- TOP VIEW -

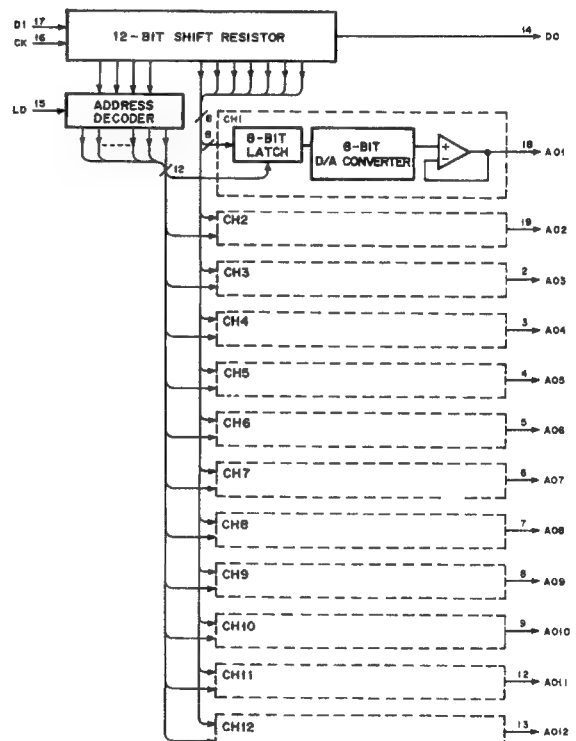


M62352GP (MITSUBISHI) FLAT PACKAGE

C-MOS 8-BITx12 CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
- TOP VIEW -

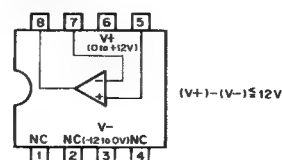


NOTE:
 $3.5V < V_{DD} < V_{CC}$
 $-3.5V < V_{SS} < V_{CC}$



MAX452CSA (MAXIM) FLAT PACKAGE

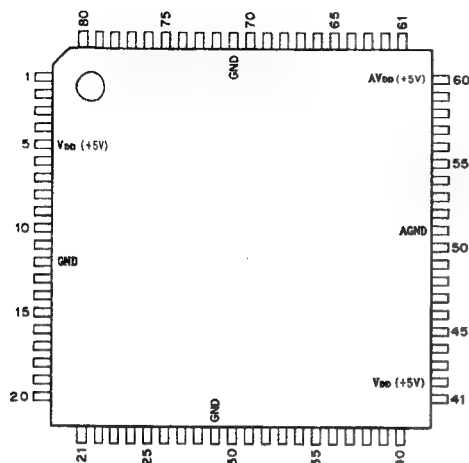
C-MOS 50MHZ VIDEO AMPLIFIER
- TOP VIEW -



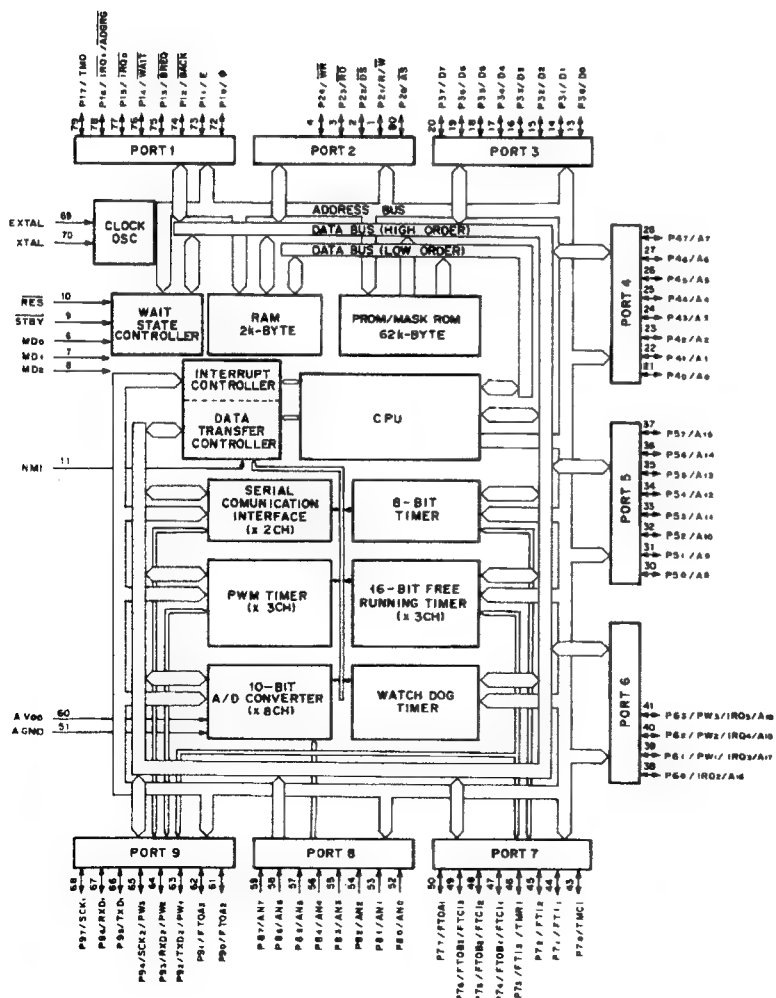
HD6475368SF (HITACHI) FLAT PACKAGE

C-MOS 16-BIT MICRO COMPUTER UNIT

- TOP VIEW -



| MODE1 | | | | MODE2 | | | |
|-------|----------------|-----|----|-------|----------------|-----|----|
| 72 | P10/φ | D0 | 13 | 72 | P10/φ | D0 | 13 |
| 73 | P11/E | D1 | 14 | 73 | P11/E | D1 | 14 |
| 74 | P12/BACK | D2 | 15 | 74 | P12/BACK | D2 | 15 |
| 75 | P13/BREQ | D3 | 16 | 75 | P13/BREQ | D3 | 16 |
| 76 | P14/WAIT | D4 | 17 | 76 | P14/WAIT | D4 | 17 |
| 77 | P15/IRQ5 | D5 | 18 | 77 | P15/IRQ5 | D5 | 18 |
| 78 | P16/IRQ1/ADTRG | D6 | 19 | 78 | P16/IRQ1/ADTRG | D6 | 19 |
| 79 | P17/TMO | D7 | 20 | 79 | P17/TMO | D7 | 20 |
| | | | | | | | |
| 38 | P60/IRQ2 | A0 | 21 | 38 | P60/IRQ2 | A0 | 21 |
| 39 | P61/PW1/IRQ3 | A1 | 22 | 39 | P61/PW1/IRQ3 | A1 | 22 |
| 40 | P62/PW2/IRQ4 | A2 | 23 | 40 | P62/PW2/IRQ4 | A2 | 23 |
| 41 | P63/PW3/IRQ5 | A3 | 24 | 41 | P63/PW3/IRQ5 | A3 | 24 |
| | | | | | | | |
| 43 | P70/TMO | A4 | 25 | 43 | P70/TMO | A4 | 25 |
| 44 | P71/FTI | A5 | 26 | 44 | P71/FTI | A5 | 26 |
| 45 | P72/FTI | A6 | 27 | 45 | P72/FTI | A6 | 27 |
| 46 | P73/FTI/TMRI | A7 | 28 | 46 | P73/FTI/TMRI | A7 | 28 |
| 47 | P74/FTOB1/FTCI | A8 | 29 | 47 | P74/FTOB1/FTCI | A8 | 29 |
| 48 | P75/FTOB2/FTCI | A9 | 30 | 48 | P75/FTOB2/FTCI | A9 | 30 |
| 49 | P76/FTOB3/FTCI | A10 | 31 | 49 | P76/FTOB3/FTCI | A10 | 31 |
| 50 | P77/FTOA | A11 | 32 | 50 | P77/FTOA | A11 | 32 |
| | | | | | | | |
| 52 | P80/AN0 | A12 | 33 | 52 | P80/AN0 | A12 | 33 |
| 53 | P81/AN1 | A13 | 34 | 53 | P81/AN1 | A13 | 34 |
| 54 | P82/AN2 | A14 | 35 | 54 | P82/AN2 | A14 | 35 |
| 55 | P83/AN3 | A15 | 36 | 55 | P83/AN3 | A15 | 36 |
| 56 | P84/AN4 | | 37 | 56 | P84/AN4 | | 37 |
| 57 | P85/AN5 | | 38 | 57 | P85/AN5 | | 38 |
| 58 | P86/AN6 | | 39 | 58 | P86/AN6 | | 39 |
| 59 | P87/AN7 | | 40 | 59 | P87/AN7 | | 40 |
| | | | | | | | |
| 6 | MD0 | | 61 | 6 | MD0 | | 61 |
| 7 | MD1 | | 62 | 7 | MD1 | | 62 |
| 8 | MD2 | | 63 | 8 | MD2 | | 63 |
| | | | | | | | |
| 9 | STBY | R/W | 1 | 9 | STBY | R/W | 1 |
| 10 | RES | DS | 2 | 10 | RES | DS | 2 |
| 11 | NMI | RD | 3 | 11 | NMI | RD | 3 |
| | | | | | | | |
| 69 | EXTAL | WR | 4 | 69 | EXTAL | WR | 4 |
| 70 | XTAL | AS | 5 | 70 | XTAL | AS | 5 |



| MODE4 | |
|---------|----|
| | D0 |
| | D1 |
| | D2 |
| | D3 |
| | D4 |
| | D5 |
| | D6 |
| | D7 |
| MODE5 | A0 |
| | A1 |
| | A2 |
| | A3 |
| | A4 |
| | A5 |
| | A6 |
| | A7 |
| MODE6 | |
| MODE7 | |
| MODE8 | |
| MODE9 | |
| MODE10 | |
| MODE11 | |
| MODE12 | |
| MODE13 | |
| MODE14 | |
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| MODE178 | |
| MODE179 | |
| MODE180 | |

| MODE7 | | |
|-------|----------------|--------------|
| 72 | P1e/Φ | P3e |
| 73 | P11/e | P3e |
| 74 | P12 | P3e |
| 75 | P13 | P3e |
| 76 | P14 | P3e |
| 77 | P1e/IR05 | P3e |
| 78 | P1e/IR01/ADTRG | P3e |
| 79 | P12/TMO | P3e |
| 38 | P6e/IR05 | P4e |
| 39 | P61/PW1/IR03 | P4e |
| 40 | P62/PW2/IR04 | P4e |
| 41 | P63/PW3/IR05 | P4e |
| 43 | P7e/TMO1 | P4e |
| 44 | PT1/FT11 | P4e |
| 45 | PT2/FT12 | P4e |
| 46 | PT3/FT13/TMR1 | P5e |
| 47 | PT4/FT01b/FTC1 | P5e |
| 48 | PT6/FT02b/FTC2 | P5e |
| 49 | PT6/FT03b/FTC3 | P5e |
| 50 | PT7/FT0A1 | P5e |
| 52 | P8e/ANe | P5e |
| 53 | P81/AN1 | P5e |
| 54 | P82/AN2 | P5e |
| 55 | P83/AN3 | P5e |
| 56 | P8e/ANe | P8e/FT0A1 |
| 57 | P81/AN1 | P81/FT0A3 |
| 58 | P8e/ANe | PS2/TX02/PW1 |
| 59 | P82/AN2 | P82/RXD2/PW2 |
| 59 | P81/AN1 | P84/SCK2/PW3 |
| 8 | MD0 | P8e/TXD1 |
| 9 | MD1 | P8e/RXD1 |
| 7 | MD2 | P81/SCK1 |
| 9 | STBY | P2e |
| 10 | RES | P21 |
| 11 | NMI | P22 |
| 80 | EXTAL | P24 |
| 70 | XTAL | |

```

INPUT                                     :
ADTRG                                     : EXTERNAL TRIGGER
AN0 - AN7                               : ANALOG
BREQ                                     : BUS RIGHT REQUEST
EXTAL                                    : CRYSTAL OSCILLATOR
FT11 - FT13                             : FREE RUNNING TIMER INPUT
                                          : CAPTURE (CH1 - CH3)
FTC11 - FTC13                           : FREE RUNNING TIMER COUNTER
                                          : CLOCK (CH1 - CH3)
IRO0 - IRO5                             : INTERRUPT REQUEST
MDO - MD2                               : MODE SET UP (* 1)
NMI                                     : NON-MASKABLE INTERRUPT
PS (0 - 7)                             : PORT 8
R1, R2, R3, R4, R5, R6, R7, R8, R9, R10 : RECEIVED DATA (CH1, CH2)
STBY                                    : STANDBY
TMCI                                     : 8-BIT TIMER CLOCK
TMRI                                     : 8-BIT TIMER COUNTER RESET
WAIT                                    : WAIT
XTAL                                    : CRYSTAL OSCILLATOR

OUTPUT
A0 - A19                               : ADDRESS BUS
AS                                     : ADDRESS STROBE
BACK                                   : BUS RIGHT REQUEST
E                                     : ACKNOWLEDGE
DS                                     : ENABLE CLOCK
FT0A1 - FT0A3                           : DATA STROBE
                                          : FREE RUNNING TIMER OUTPUT
FT0B1 - FT0B3                           : COMPARE A (CH1 - CH3)
                                          : FREE RUNNING TIMER OUTPUT
                                          : COMPARE B (CH1 - CH3)
PW1 - PW3                              : PWM TIMER (CH1 - CH3)
RD                                     : READ
R/W                                    : READ / WRITE
TMO                                    : 8-BIT TIMER
TXD1, TXD2                             : TRANSMISSION DATA (CH1, CH2)
WR                                     : WRITE
♦                                     : SYSTEM CLOCK

INPUT/OUTPUT
DO - D7                                : DATA BUS
P1 (0 - 7)                             : PORT 1
P2 (0 - 4)                             : PORT 2
P3 (0 - 7)                             : PORT 3
P4 (0 - 7)                             : PORT 4
P5 (0 - 7)                             : PORT 5
P6 (0 - 3)                             : PORT 6
P7 (0 - 7)                             : PORT 7
P8 (0 - 7)                             : PORT 8
RES                                    : RESET
SCK1, SCK2                             : SERIAL CLOCK (CH1, CH2)

```

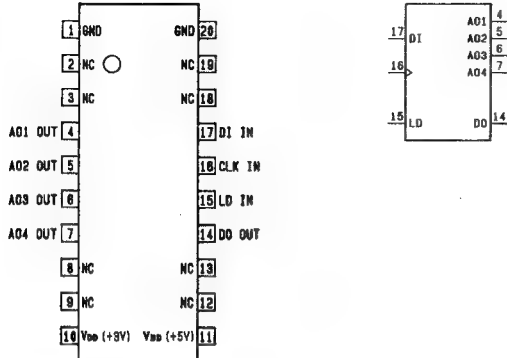
| INPUTS | | | OPERATION | CONTENTS |
|--------|-----|-----|-----------|--|
| MD2 | MD1 | MD0 | MODE | |
| 0 | 0 | 1 | MODE 1 | EXTENSION MINIMUM MODE NO EFFECTIVE ROM |
| 0 | 1 | 0 | MODE 2 | EXTENSION MINIMUM MODE EFFECTIVE ROM |
| 0 | 1 | 1 | MODE 3 | EXTENSION MAXIMUM MODE NO EFFECTIVE ROM |
| 1 | 0 | 0 | MODE 4 | EXTENSION MAXIMUM MODE EFFECTIVE ROM |
| 1 | 1 | 1 | MODE 7 | SINGLE CHIP MODE |

 $(V_{DD} = +5V)$ $(V_{in} = +5V)$

MB88351PFV (FUJITSU) FLAT PACKAGE

C-MOS 12-BIT D/A CONVERTER WITH OPERATIONAL AMPLIFIER

- TOP VIEW -

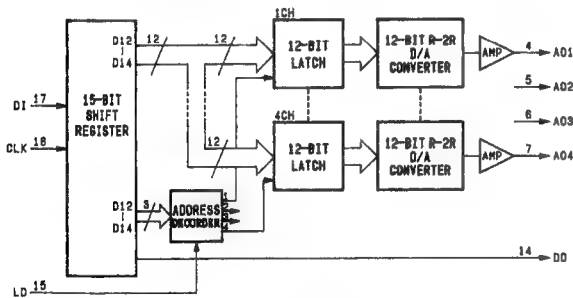


INPUT
 CLK : SHIFT CLOCK
 DI : SERIAL DATA
 LD : DECODER AND D/A REGISTER TO LOAD

OUTPUT
 AO1 - AO4: ANALOG DATA
 DO : MBS BIT DATA IN 15-BIT SHIFT REGISTER

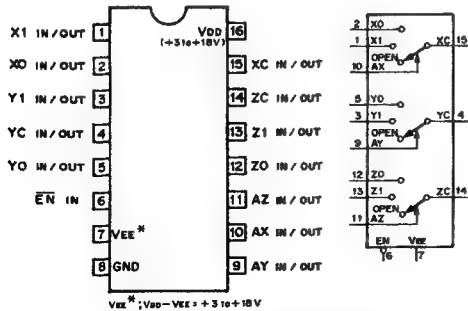
| D12 | D13 | D14 | ADDRESS SELECT |
|-----|-----|-----|----------------|
| 0 | 0 | 0 | DON'T CARE |
| 0 | 0 | 1 | AO1 SELECT |
| 0 | 1 | 0 | AO2 SELECT |
| 0 | 1 | 1 | AO3 SELECT |
| 1 | 0 | 0 | AO4 SELECT |
| 1 | 0 | 1 | DON'T CARE |
| 1 | 1 | 0 | DON'T CARE |
| 1 | 1 | 1 | DON'T CARE |

0: LOW LEVEL
1: HIGH LEVEL

MC14053BF (MOTOROLA) FLAT PACKAGE
TC4053BFS (TOSHIBA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULPLEXERS

- TOP VIEW -



VEE*: VDD - VEE + 3 to +18V

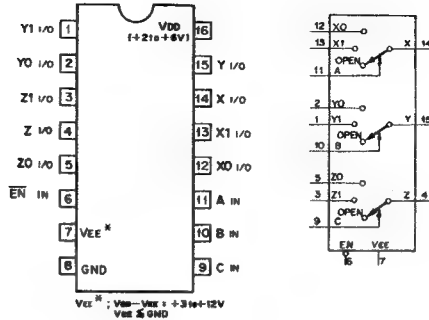
0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE.

| CONT. INPUTS | ON CHANNEL |
|----------------|------------|
| EN A (X,Y,Z) | |
| 0 0 | 0 |
| 0 1 | 1 |
| 1 X | OPEN |

MC74HC4053F (MOTOROLA) FLAT PACKAGE
TC74HC4053AFS (TOSHIBA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULPLEXER

- TOP VIEW -

VEE*: VDD - VEE + 3 to +12V
VEE: GND

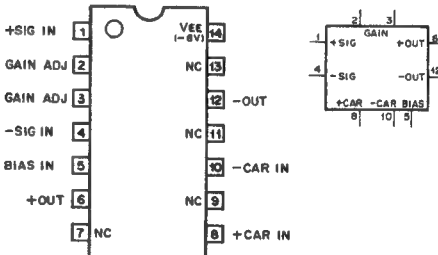
| EN | SELECT | | | ON CHANNEL | | |
|----|--------|---|---|------------|----|----|
| | C | B | A | Z0 | Y0 | X0 |
| 0 | 0 | 0 | 0 | Z0 | Y0 | X0 |
| 0 | 0 | 0 | 1 | Z0 | Y0 | X1 |
| 0 | 0 | 1 | 0 | Z0 | Y1 | X0 |
| 0 | 0 | 1 | 1 | Z0 | Y1 | X1 |
| 0 | 1 | 0 | 0 | Z1 | Y0 | X0 |
| 0 | 1 | 0 | 1 | Z1 | Y0 | X1 |
| 0 | 1 | 1 | 0 | Z1 | Y1 | X0 |
| 0 | 1 | 1 | 1 | Z1 | Y1 | X1 |
| 1 | X | X | X | OPEN | | |

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

NJM1496M (JRC) FLAT PACKAGE

BALANCED MODULATOR/DEMODULATOR

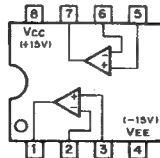
- TOP VIEW -



NJM2043M (JRC) FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIER

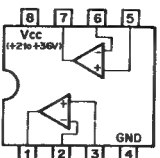
- TOP VIEW -



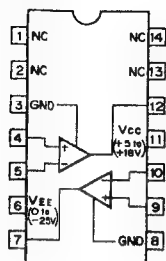
NJM2903M (JRC) FLAT PACKAGE

DUAL VOLTAGE COMPARATORS

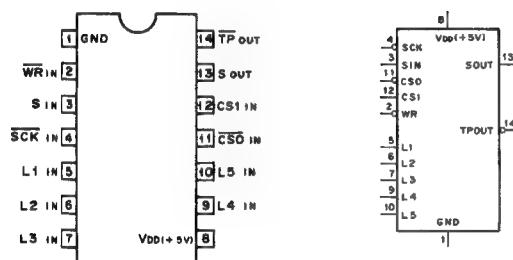
- TOP VIEW -



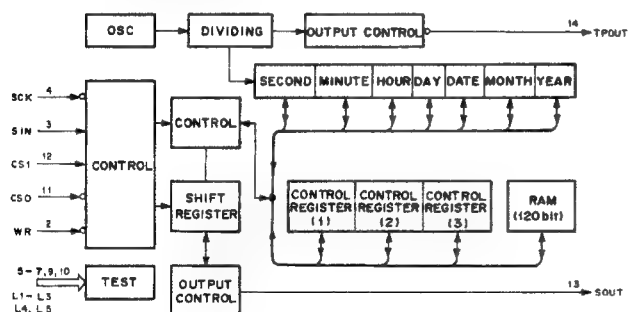
DUAL VOLTAGE COMPARATOR
- TOP VIEW -



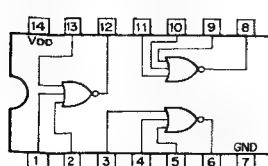
C-MQS REAL TIME CLOCK



| | |
|---------------|--|
| INPUT | |
| CS0 | : CHIP SELECT (L : ACCESS ENABLE, H : SOUT HIGH Z) |
| CS1 | : POWER_DOWN DETECTION |
| L1 - L5 | : TEST IN |
| SCR | : SERIAL SYNC SIGNAL |
| SIN | : SERIAL ADDRESS/DATA |
| SR | : WRITING SELECT (L : WRITING, H : READING) |
| OUTPUT | |
| SOUT | : SERIAL ADDRESS/DATA |
| TPOUT | : REFERENCE SIGNAL |



C-MOS 3-LINE POSITIVE-NOR GATE
- TOP VIEW -

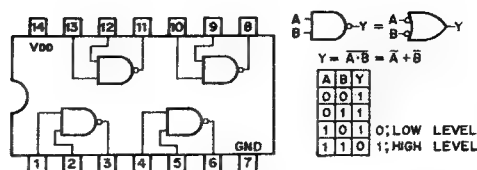


| TYPE | V _{DD} |
|--------|-----------------|
| TC40H | +2 to +8V |
| OTHERS | +2 to +6V |

| A | B | C | Y |
|---|---|---|---|
| 0 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

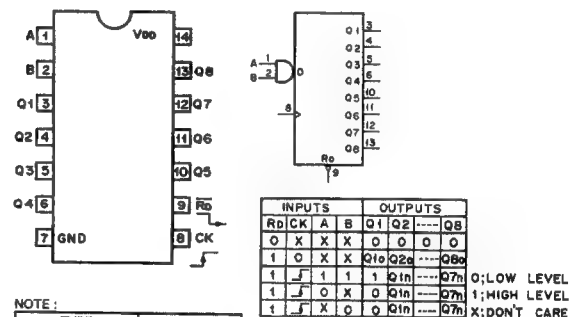
0 : LOW LEVEL
1 : HIGH LEVEL

C-MOS QUAD 2-INPUT NAND GATES
- TOP VIEW -

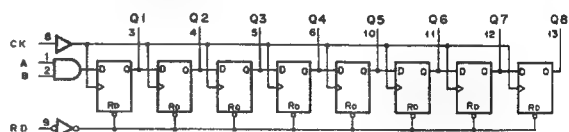


| TYPE | V _{DD} |
|----------------------------|-----------------|
| TC74AC00 TYPE TC74VHC00 | +2 to +5.5V |
| MC74HCT00N | +5V |
| 74ACT00 TYPE | +4.5 to +5.5V |
| OTHER TYPES | +2 to +6V |

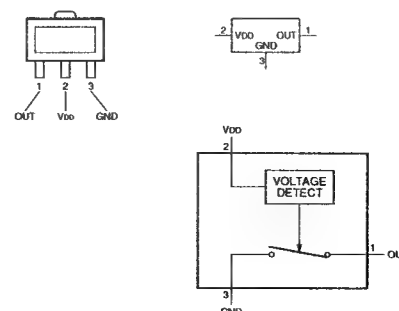
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
- TOP VIEW -



| TYPE | V _{DD} |
|--------|-----------------|
| AC/MHC | +2 to +5.5V |
| HC | +2 to +6V |
| HCT | +5V |

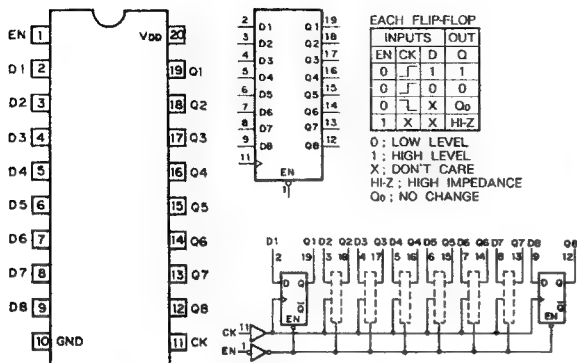


VOLTAGE DETECTOR WITH N-CANNEL OPEN DRAIN OUTPUT
- TOP VIEW -



C-13

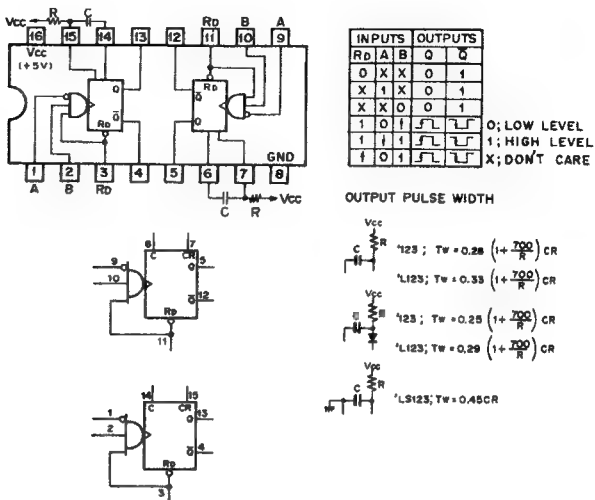
SN74HC574ANS (TI) FLAT PACKAGE

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
- TOP VIEW -

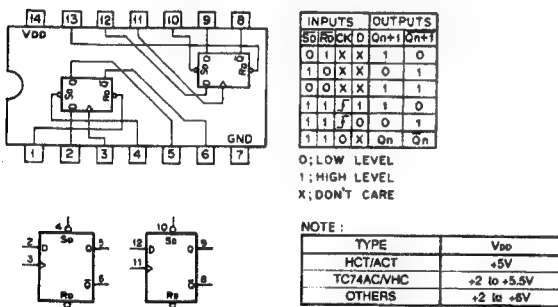
NOTE:

| TYPE | V _{DD} |
|-----------------------|-----------------|
| 74AC/74HC | +2 to +6V |
| 74ACT/74FCT/74HCT | +5V |
| TC74AC574F/TC74VHC574 | +2 to +5.5V |

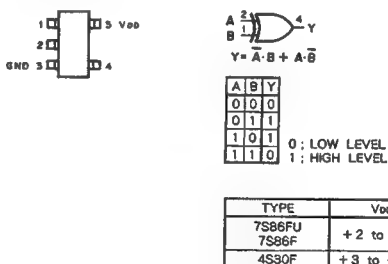
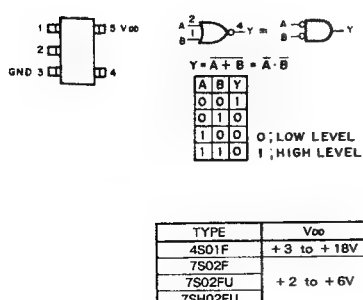
SN74LS123NS (TI) FLAT PACKAGE

TTL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS WITH DIRECT RESET
- TOP VIEW -

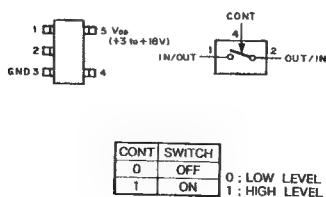
SN74HC74APW (TI) FLAT PACKAGE

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
- TOP VIEW -

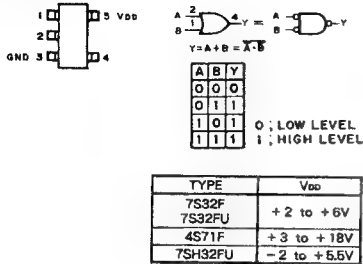
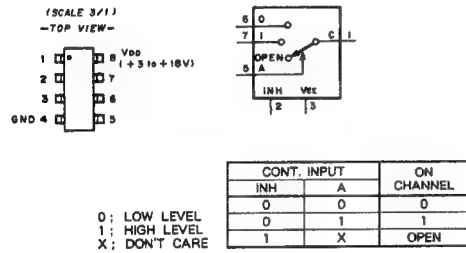
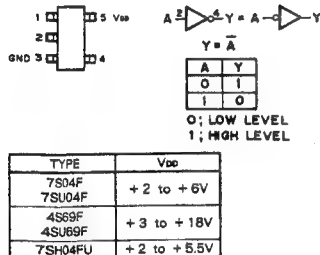
TC4S30F (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE
- TOP VIEW -TC4S01F (TOSHIBA) CHIP PACKAGE
TC7S02F (TOSHIBA) CHIP PACKAGEC-MOS 2-INPUT NOR GATE
- TOP VIEW -

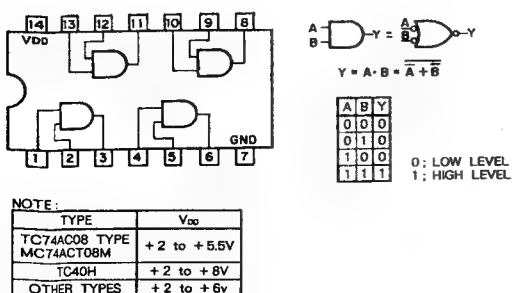
TC4S86F (TOSHIBA) CHIP PACKAGE

C-MOS BILATERAL ANALOG SWITCH
- TOP VIEW -

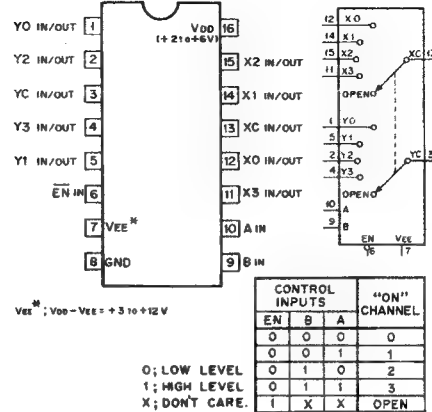
TC4S71F (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT OR GATE
- TOP VIEW -TC4W53F (TOSHIBA) CHIP PACKAGE
TC4W53FU (TOSHIBA) CHIP PACKAGEC-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -TC4S69F (TOSHIBA) CHIP PACKAGE
TC7S04F (TOSHIBA) CHIP PACKAGEC-MOS INVERTER
- TOP VIEW -

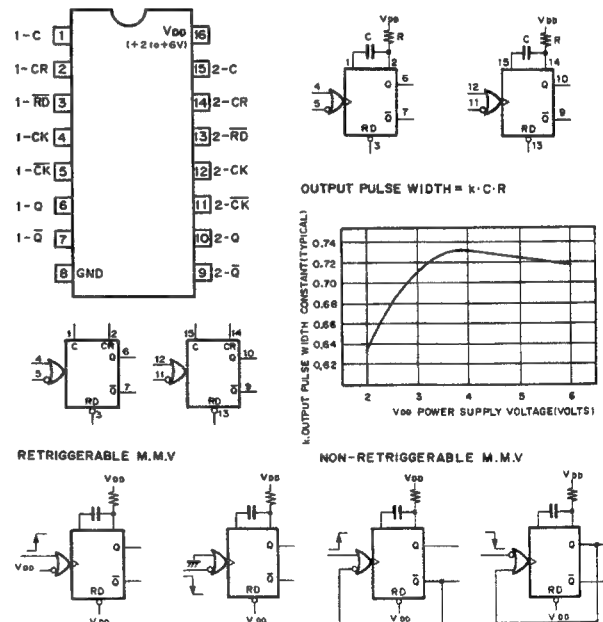
TC74VHC08FS (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS QUAD 2-INPUT AND GATES
- TOP VIEW -

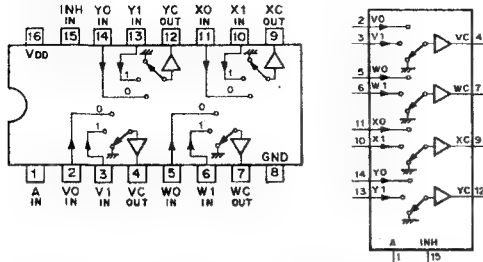
TC74HC4052AFS (TOSHIBA) FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -

TC74HC4538AFS (TOSHIBA) FLAT PACKAGE

C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
- TOP VIEW -

TC74VHC157FS (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
- TOP VIEW -

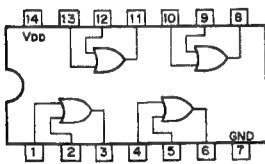
NOTE:

| TYPE | V _{DD} |
|-------------------------|-----------------|
| 74ACT/74FCT | +5V |
| TC74AC157P TC74AC157 | +2 to +5.5V |
| TC40H | +2 to +8V |
| OTHER TYPES | +2 to +6V |

| CONT. | IN | ON |
|-------|----|---------|
| INH | A | CHANNEL |
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | X | GND |

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

TC74VHC32FS (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS 2-INPUT OR GATES
- TOP VIEW -

$$Y = A + B = \overline{A} \cdot \overline{B}$$

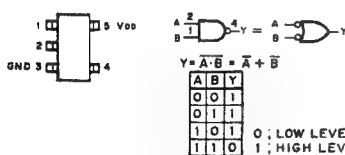
| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVEL

NOTE:

| TYPE | V _{DD} |
|--------|-----------------|
| AC/VHC | +2 to +5.5V |
| HC | +2 to +6V |

TC7S00F (MOTOROLA) CHIP PACKAGE

C-MOS 2-INPUT NAND GATE
- TOP VIEW -

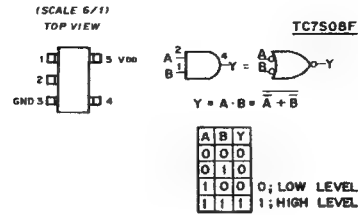
| A | B | Y |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

0: LOW LEVEL
1: HIGH LEVEL

| TYPE | V _{DD} |
|-----------------|-----------------|
| 7S00F 7S00FU | +2 to +6V |
| 4S11F 4SU11F | +3 to +18V |
| 7SH00FU | +2 to +5.5V |

TC7S08F (TOSHIBA) CHIP PACKAGE
TC7S08FU (TOSHIBA) CHIP PACKAGE
TC7SH08FU (TOSHIBA) CHIP PACKAGE

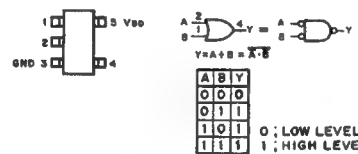
C-MOS 2-INPUT AND GATE



| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVEL

| TYPE | V _{DD} |
|-----------------|-----------------|
| 7S08F 7S08FU | +2 to +6V |
| 4S81F 14S81F | +3 to +18V |
| 7SH08FU | +2 to +5.5V |

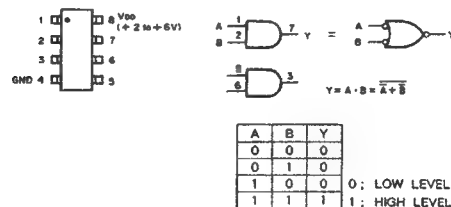
TC7S32F (TOSHIBA) CHIP PACKAGE
TC7SH32FU (TOSHIBA) CHIP PACKAGEC-MOS 2-INPUT OR GATE
- TOP VIEW -

| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

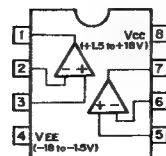
0: LOW LEVEL
1: HIGH LEVEL

| TYPE | V _{DD} |
|-----------------|-----------------|
| 7S32F 7S32FU | +2 to +6V |
| 4S71F | +3 to +18V |
| 7SH32FU | +2 to +5.5V |

TC7W08FU (TOSHIBA) CHIP PACKAGE

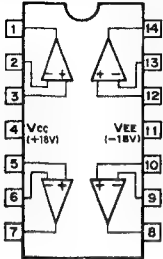
C-MOS 2-INPUT AND GATE
- TOP VIEW -

| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVELTL062CPS (TI) FLAT PACKAGE
TL062CPW (TI) FLAT PACKAGEOPERATIONAL AMPLIFIER (J FET INPUT)
- TOP VIEW -

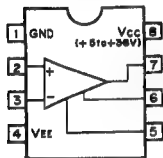
TL064CNS (TI) FLAT PACKAGE
TL064CPW (TI)

OPERATIONAL AMPLIFIER (J FET INPUT)
- TOP VIEW -



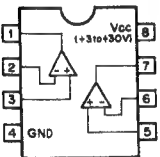
UPC311G2 (NEC) FLAT PACKAGE

VOLTAGE COMPARATOR
- TOP VIEW -



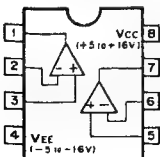
UPC358G2 (NEC) FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIERS
- TOP VIEW -



UPC812G2 (NEC) FLAT PACKAGE

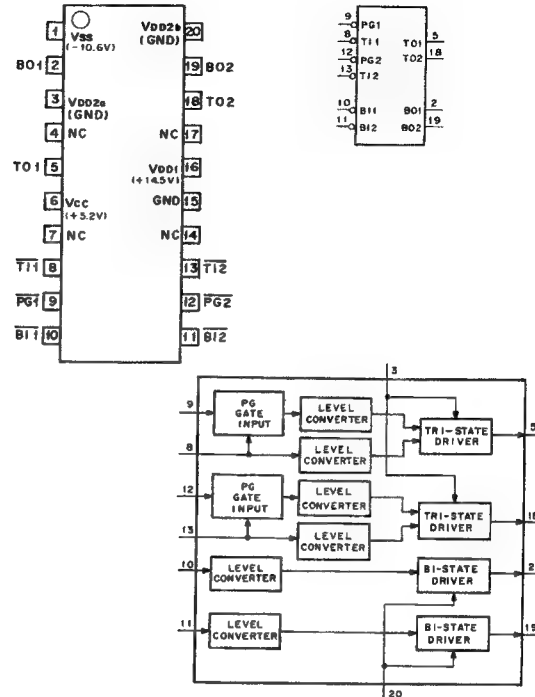
OPERATIONAL AMPLIFIER (J FET INPUT)
- TOP VIEW -



DXC-637 (J,UC)
DXC-637P (EK)

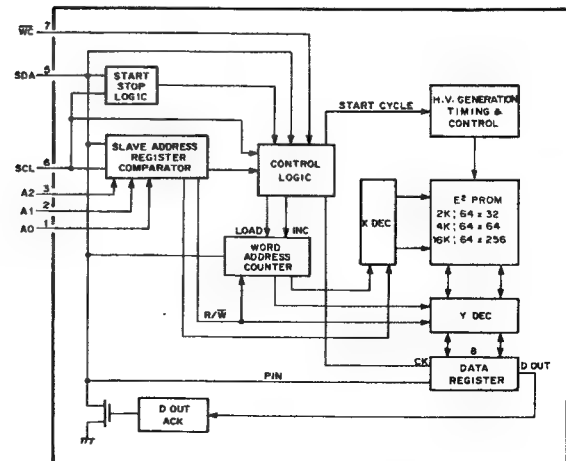
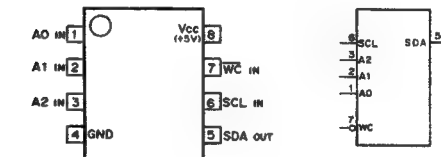
UPD16502GS (NEC) FLAT PACKAGE

C-MOS CGD DRIVER
- TOP VIEW -

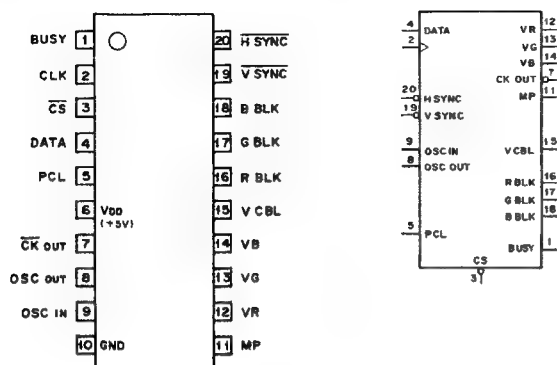


X24C02S-3.0 (XICOR) (2K BIT) FLAT PACKAGE

C-MOS SERIAL EEPROM
- TOP VIEW -

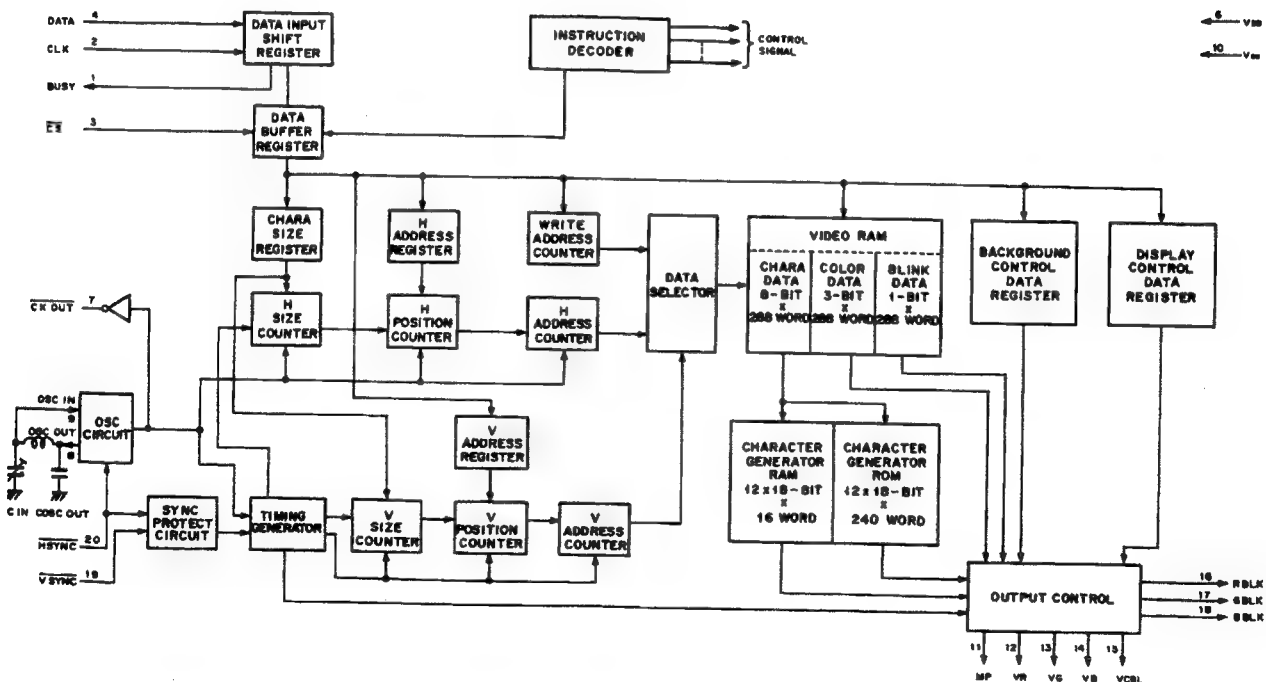


UPD6453GT (NEC) FLAT PACKAGE

C-MOS ON-SCREEN CHARACTER DISPLAY
- TOP VIEW -

INPUT
CLK : CLOCK
CS : CHIP SELECT
DATA : SERIAL DATA
H SYNC : HORIZONTAL SYNC
OSC IN : OSCILLATOR IN
PCL : POWER ON CLEAR
V SYNC : VERTICAL SYNC

OUTPUT
RBLK, GBLK, VBLK : R, G, B, BLANKING
BUSY : BUSY OUT
CK OUT : CLOCK
MP : MASK PULSE
OSC OUT : OSCILLATOR OUT
VR, VG, VB : R, G, B, CHARACTER DATA
VCBL : VIDEO CUT BLANKING




SECTION D

SPARE PARTS

PARTS INFORMATION

1. Safety Related Component Warning

Components identified by shading marked with  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

2. Replacement Parts supplied from Sony Parts Center will sometimes have different shape and outside view from the parts which actually in use. This is due to **“accommodating the improved parts and/or engineering changes”** or **“standardization of genuine parts.”** This manual's exploded view and electrical spare parts lists are indicating the parts numbers of “the standardized genuine parts at present.” Regarding engineering parts and diagrams changes in our engineering department, refer to SONY service bulletins and service manual supplements.
3. The parts marked with “S” in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with “O” will be processed, but allow for additional delivery time.
4. Item with no parts number and/or no description are not stocked because they are seldom required for routine service.
5. All capacitors are in micro farads unless otherwise specified.
All inductors are in micro henries unless otherwise specified.
All resistors are in ohms.

CCD BLOCK

*1 CCD BLOCK No. FOA xxxxx
*2 CCD BLOCK No. FPA xxxxx

F O A xxxxx

↑ ↑ ↑ ↑

— CCD type

— Model name (O:DXC-637, P:DXC-637P)

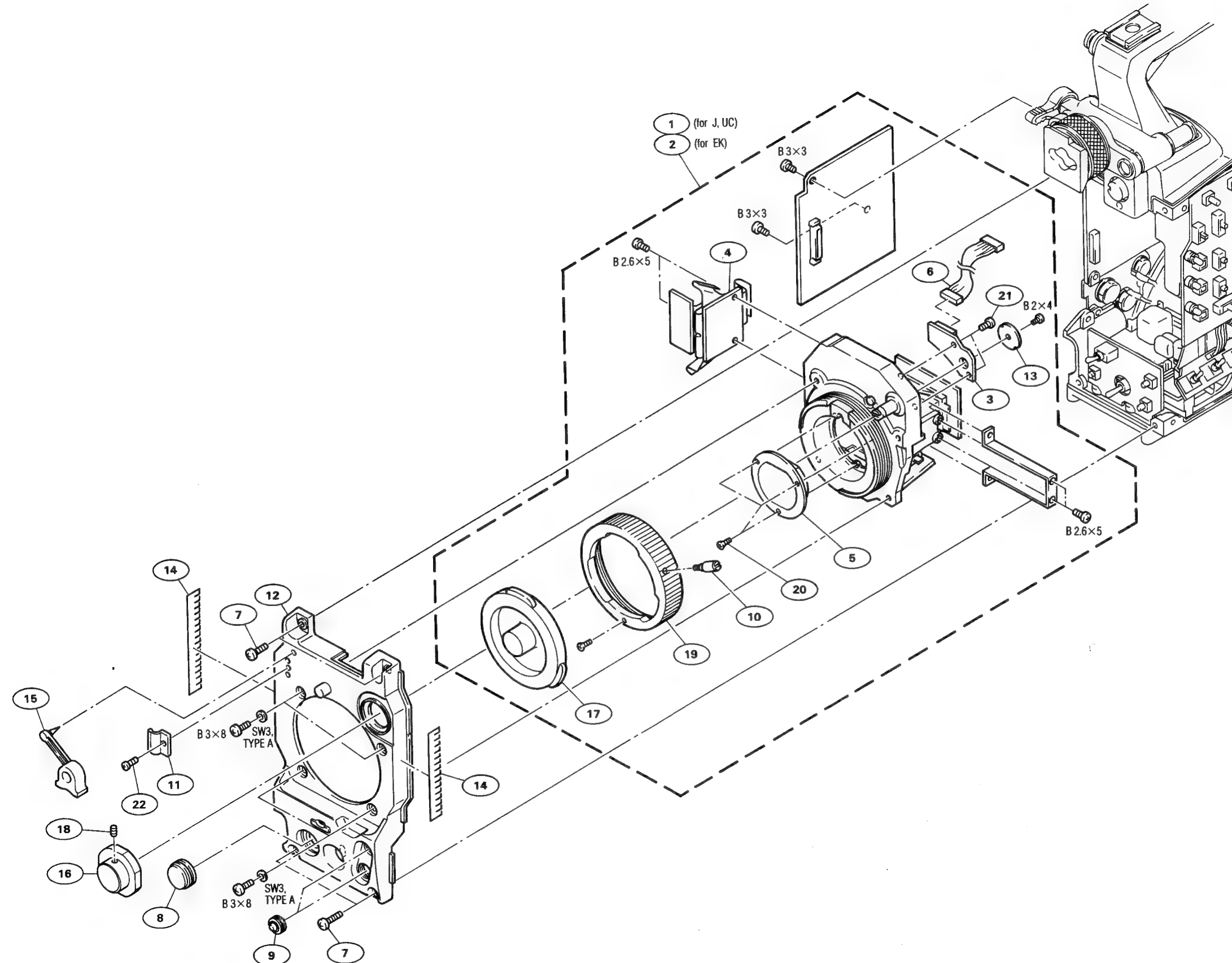
— Suffix of Spare part number

— Block number of CCD unit

CCD BLOCK

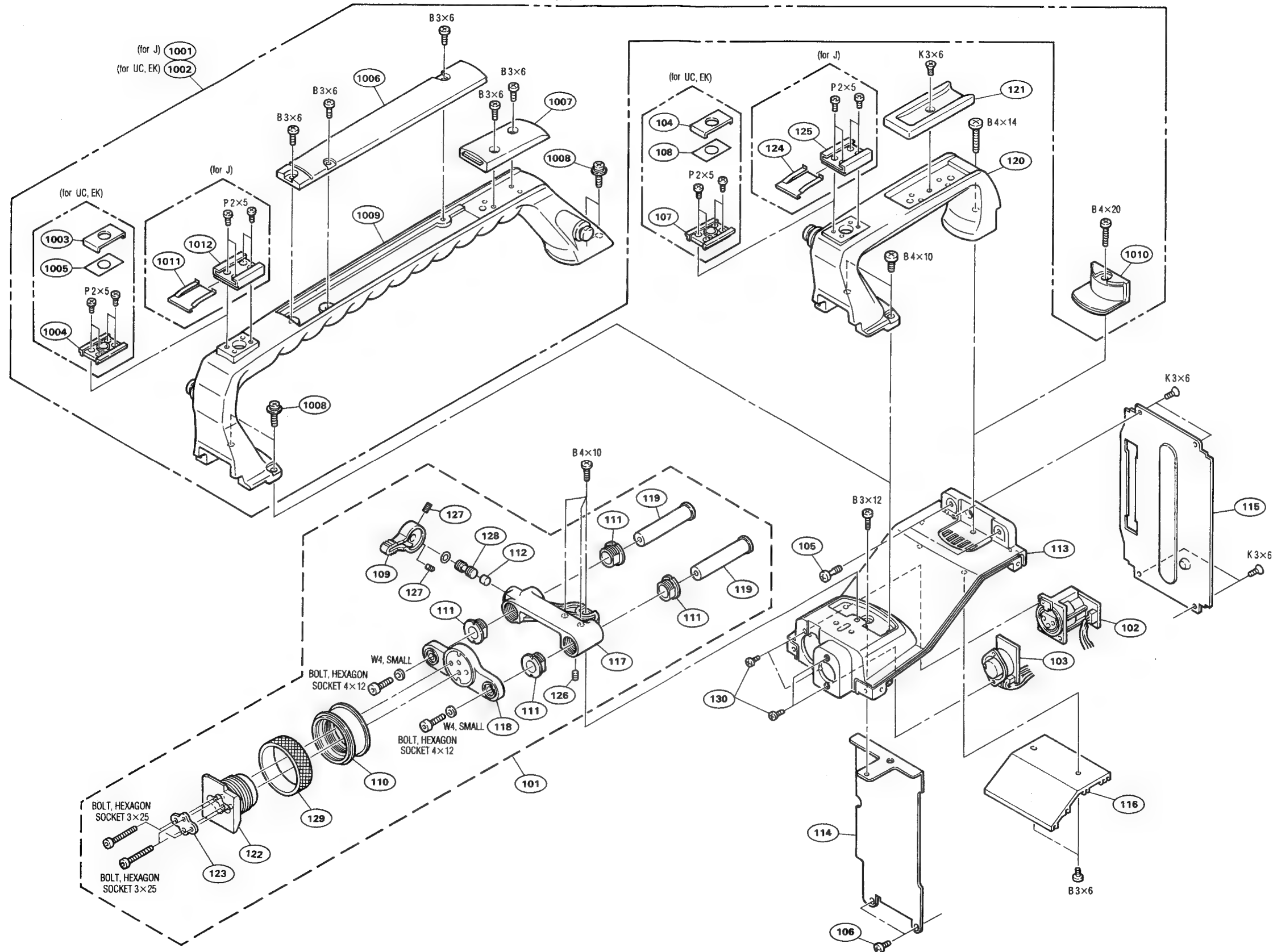
CCD BLOCK

CCD BLOCK



HANDLE BLOCK

HANDLE BLOCK



HANDLE BLOCK

| No. | Part No. | SP Description |
|-----|--------------|--|
| 101 | A-8278-153-C | o SLIDE ASSY, VF |
| 102 | A-8310-949-A | o MOUNTED CIRCUIT BOARD, CN-1106 |
| 103 | A-8310-964-A | o MOUNTED CIRCUIT BOARD, CN-1107 |
| 104 | 2-277-468-01 | o PLATE, ORNAMENTAL, CAMERA SHOE (FOR DXC-637;UC, DXC-637P) |
| 105 | 3-175-715-02 | s SCREW, FITTING, ADAPTOR |
| 106 | 3-178-214-01 | s SCREW (M3X6), +B |
| 107 | 3-657-700-00 | s BRACKET, ACCESSORY (FOR DXC-637;UC, DXC-637P) |
| 108 | 3-672-213-00 | o SHEET, ADHESIVE (FOR DXC-637;UC, DXC-637P) |
| 109 | 3-673-046-00 | s LEVER, LOCK |
| 110 | 3-679-543-11 | o RING(D), LOCK |
| 111 | 3-679-684-01 | o REST, ARM |
| 112 | 3-679-702-01 | o CUSION, STOPPER |
| 113 | 3-686-183-01 | o CHASSIS, TOP |
| 114 | 3-686-184-01 | o DIVIDER |
| 115 | 3-686-192-02 | o PLATE, REAR |
| 116 | 3-686-193-01 | o RAIL, TOP |
| 117 | 3-686-195-03 | o SLIDEBASE, VF |
| 118 | 3-686-196-02 | o RETAINER, VF SHOE |
| 119 | 3-686-197-01 | o ARM, SLIDE |
| 120 | 3-686-253-02 | o HANDLE |
| 121 | 3-686-254-01 | o PLATE, BLIND |
| 122 | 3-686-261-02 | s SHOE3, VF SLIDE |
| 123 | 3-687-070-01 | o WASHER, SHOE |
| 124 | 3-688-754-11 | o SPRING, SHOE (FOR DXC-637;J) |
| 125 | 3-688-755-12 | o SHOE, ACCESSORY (FOR DXC-637;J) |
| 126 | 3-701-506-01 | s SET SCREW, DOUBLE POINT 3X4 |
| 127 | 3-701-508-00 | s SET SCREW, DOUBLE POINT 3X6 |
| 128 | 3-711-794-01 | o PIN, STOPPER |
| 129 | 3-720-919-01 | o RUBBER, LOCK RING |
| 130 | 7-627-556-57 | s SCREW, PRECISION +P 2.6X5 TYPE1 |

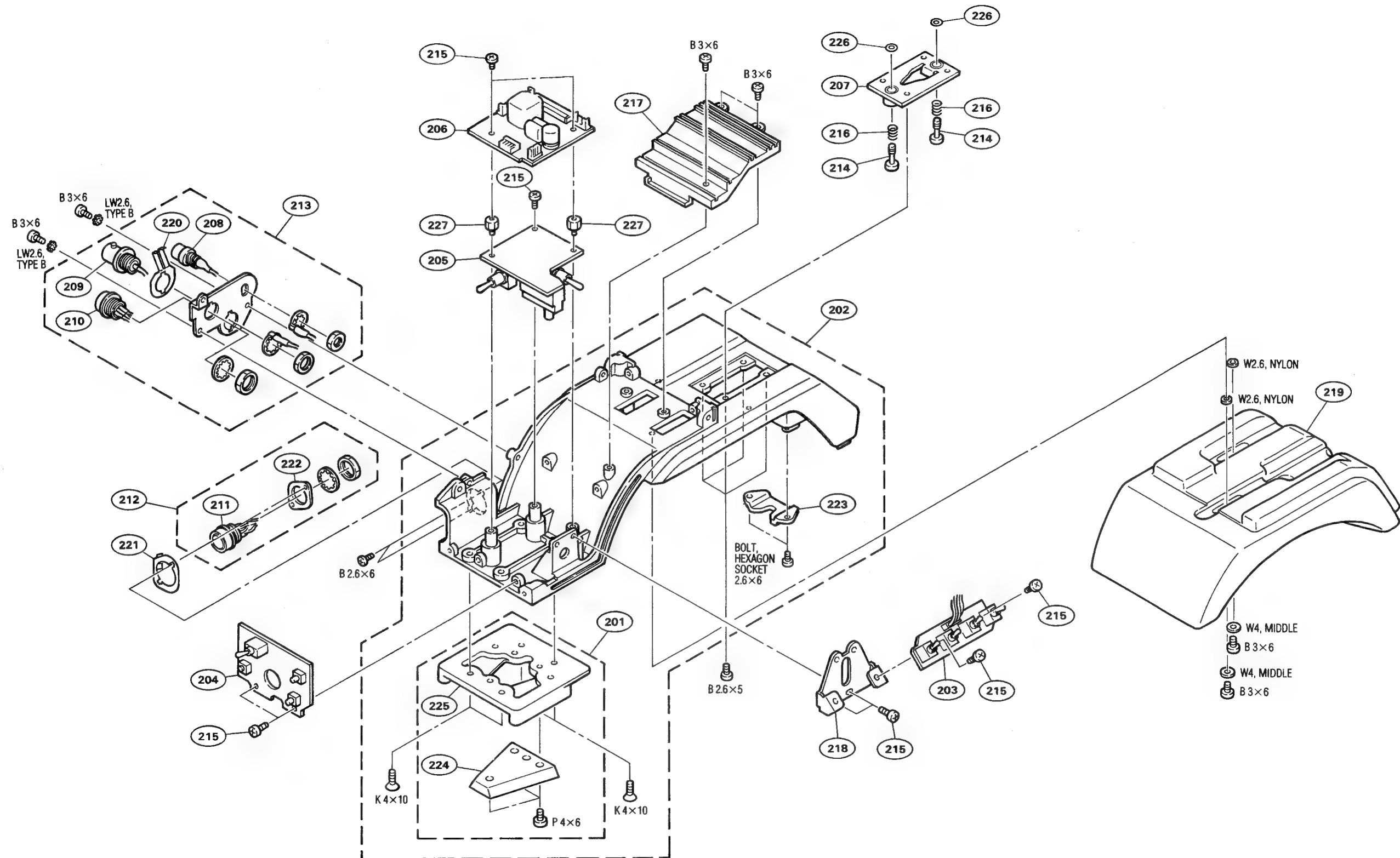
- SPARE PARTS FOR PVW-637 -

| No. | Part No. | SP Description |
|------|--------------|--|
| 1001 | A-8274-969-A | s HANDLE ASSY (FOR PVW-637;UC, PVW-637P) |
| 1002 | A-8274-970-A | s HANDLE ASSY (FOR PVW-637;J) |
| 1003 | 2-277-468-01 | o PLATE, ORNAMENTAL, CAMERA SHOE (FOR PVW-637;UC, PVW-637P) |
| 1004 | 3-657-700-00 | s BRACKET, ACCESSORY (FOR PVW-637;UC, PVW-637P) |
| 1005 | 3-672-213-00 | o SHEET, ADHESIVE (FOR PVW-637;UC, PVW-637P) |
| 1006 | 3-679-035-01 | o LID, HANDLE |
| 1007 | 3-679-036-01 | o LID, HANDLE (2) |
| 1008 | 3-685-694-01 | s NYLOCK +PSW M4 |
| 1009 | 3-686-381-02 | o HANDLE, (PVW) |
| 1010 | 3-686-382-01 | s PLATE, BLIND |
| 1011 | 3-688-754-11 | o SPRING, SHOE (FOR PVW-637;J) |
| 1012 | 3-688-755-12 | o SHOE, ACCESSORY (FOR PVW-637;J) |

CHASSIS (1) BLOCK

| No. | Part No. | SP Description |
|-----|--------------|----------------------------------|
| 201 | A-7612-352-E | s SHOE (A) ASSY, V |
| 202 | A-8278-155-A | o CHASSIS ASSY, BASE |
| 203 | A-8310-947-A | o MOUNTED CIRCUIT BOARD, SW-728 |
| 204 | A-8310-948-A | o MOUNTED CIRCUIT BOARD, FP-68 |
| 205 | A-8310-950-A | o MOUNTED CIRCUIT BOARD, PSW-30 |
| 206 | A-8310-959-A | o MOUNTED CIRCUIT BOARD, AA-81 |
| 207 | X-3166-928-1 | s SHOE ASSY, STOPPER |
| 208 | 1-507-858-31 | o JACK, PIN 1P "MONITOR OUT" |
| 209 | 1-561-781-11 | s CONNECTOR, BNC "VIDEO OUT" |
| 210 | 1-562-782-21 | s CONNECTOR, 10P FEMALE "REMOTE" |
| 211 | 1-563-947-11 | s CONNECTOR, 12P FEMALE "LENS" |
| 212 | 1-954-549-12 | o HARNESS, SUB (LENS) |
| 213 | 1-954-550-13 | o HARNESS, SUB (CNP) |
| 214 | 3-175-715-02 | s SCREW, FITTING, ADAPTOR |
| 215 | 3-178-214-01 | s SCREW (M3X6), +B |
| 216 | 3-566-903-02 | s SPRING |
| 217 | 3-686-179-01 | o PB RAIL, LOWER |
| 218 | 3-686-181-01 | o BRACKET, SW724 |
| 219 | 3-686-257-01 | s PAD, SHOULDER |
| 220 | 3-687-193-01 | o SPRING 1 |
| 221 | 3-687-194-01 | o SPRING 2 |
| 222 | 3-710-002-01 | o BRACKET |
| 223 | 3-711-703-01 | o STOPPER |
| 224 | 3-716-391-01 | o WEDGE, MOUNTING |
| 225 | 3-729-065-04 | s SHOE (A), CAMERA |
| 226 | 3-892-114-00 | s RING (DIA. 3), 0 |
| 227 | 4-924-260-01 | o BOSS (D) |

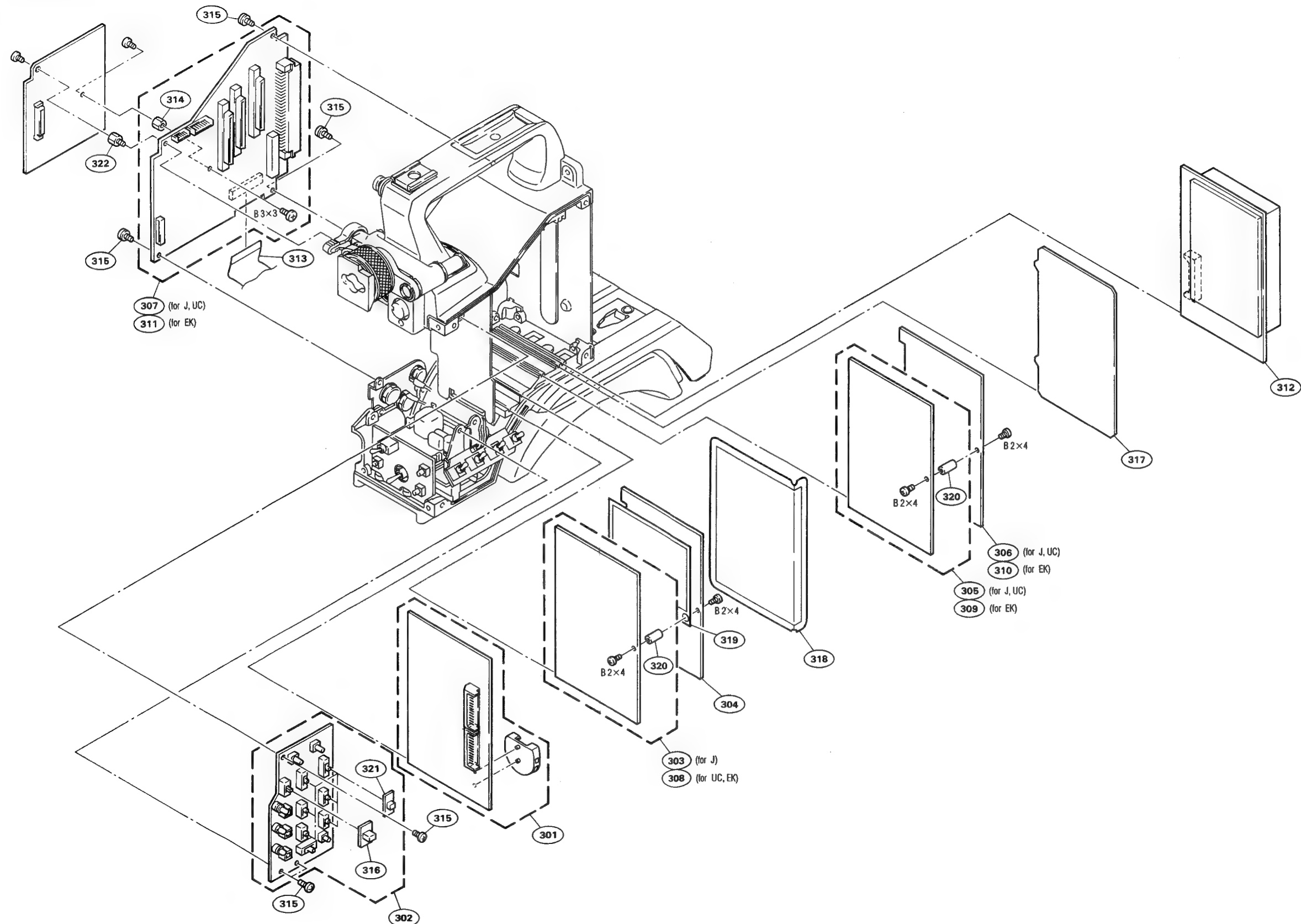
CHASSIS (1) BLOCK



PRINTED CIRCUIT BOARD

PRINTED CIRCUIT BOARD

PRINTED CIRCUIT BOARD



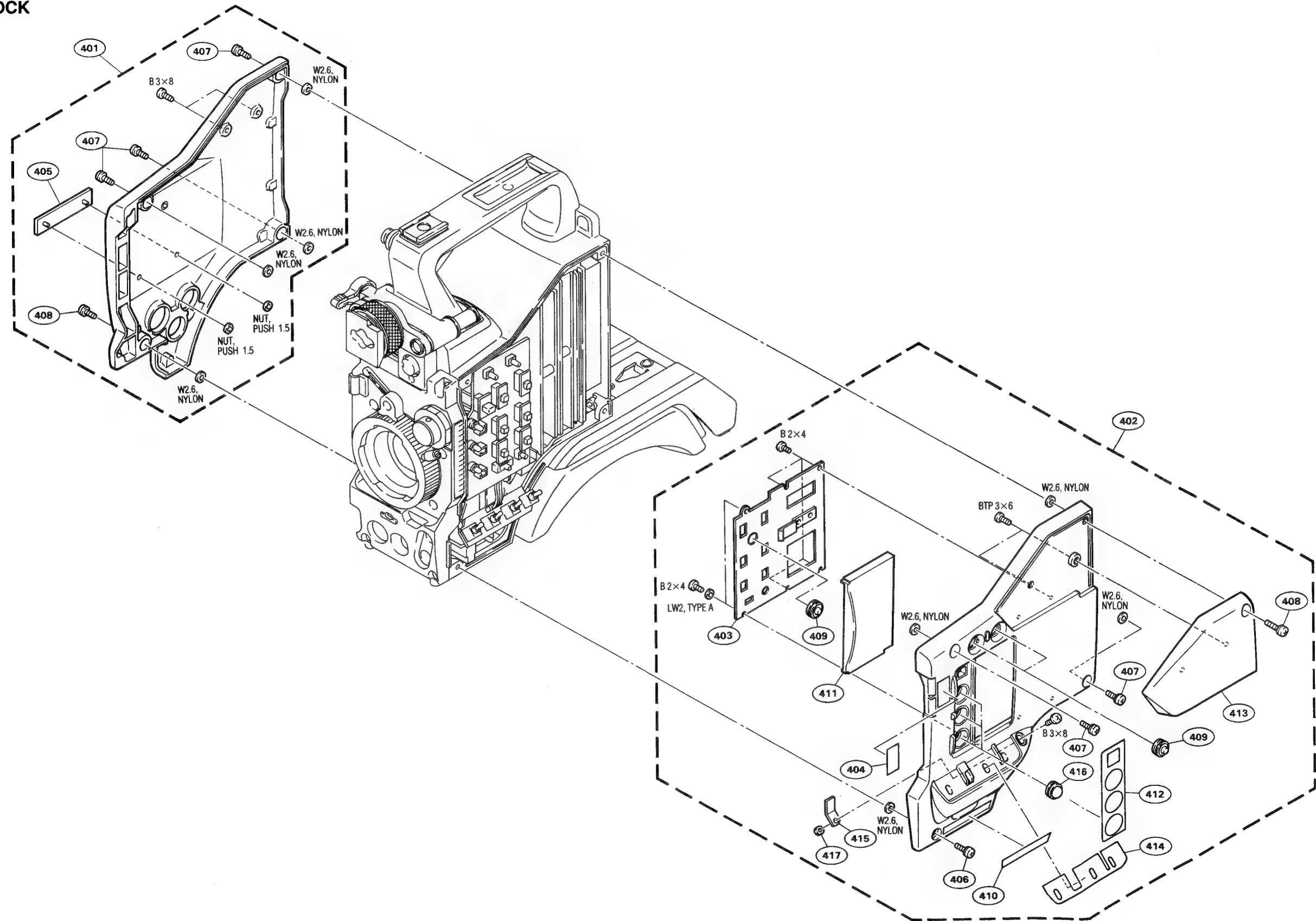
 PRINTED CIRCUIT BOARD

| No. | Part No. | SP Description |
|-----|--------------|--|
| 301 | A-8310-952-A | o MOUNTED CIRCUIT BOARD, AT-93 |
| 302 | A-8310-953-A | o MOUNTED CIRCUIT BOARD, SW-724 |
| 303 | A-8310-954-A | o MOUNTED CIRCUIT BOARD, PR-209 (FOR DXC-637;UC) |
| 304 | A-8310-955-A | o MOUNTED CIRCUIT BOARD, IE-47 |
| 305 | A-8310-956-A | o MOUNTED CIRCUIT BOARD, EN-122 (N) (FOR DXC-637) |
| 306 | A-8310-957-A | o MOUNTED CIRCUIT BOARD, SG-232 (N) (FOR DXC-637) |
| 307 | A-8310-958-A | o MOUNTED CIRCUIT BOARD, MB-597 (N) (FOR DXC-637) |
| 308 | A-8310-968-A | o MOUNTED CIRCUIT BOARD, PR-209 (FOR DXC-637;J, DXC-637P) |
| 309 | A-8310-976-A | o MOUNTED CIRCUIT BOARD, EN-122 (P) (FOR DXC-637P) |
| 310 | A-8310-977-A | o MOUNTED CIRCUIT BOARD, SG-232 (P) (FOR DXC-637P) |
| 311 | A-8310-978-A | o MOUNTED CIRCUIT BOARD, MB-597 (P) (FOR DXC-637P) |
| 312 | 1-473-244-11 | s CONVERTER UNIT, DC-DC |
| 313 | 1-769-710-11 | o CABLE, FLAT (1 MM) |
| 314 | 2-280-622-01 | o SUPPORT(M3), HEXAGON |
| 315 | 3-178-214-01 | s SCREW (M3X6), +B |
| 316 | 3-686-186-01 | o KNOB, MODE-SW |
| 317 | 3-686-199-02 | o PLATE, SHIELD-PS |
| 318 | 3-686-256-02 | o PLATE, SHIELD2 |
| 319 | 3-687-169-01 | o PLATE, IE-SHIELD |
| 320 | 3-699-005-01 | o SUPPORT, TG-18 |
| 321 | 3-717-900-01 | o KNOB(A)(TC), SW |
| 322 | 4-924-260-01 | o BOSS (D) |

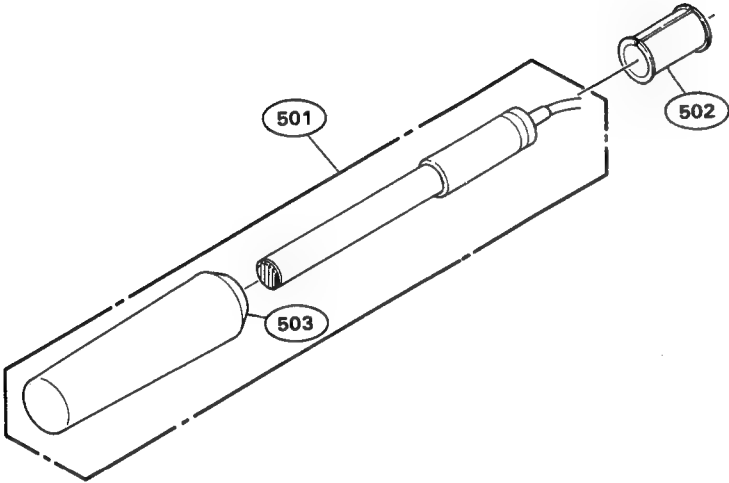
CHASSIS (2) BLOCK

| No. | Part No. | SP Description |
|-----|--------------|---------------------------|
| 401 | A-8278-151-A | o PANEL ASSY, LEFT |
| 402 | A-8278-152-B | o PANEL ASSY, RIGHT |
| 403 | X-3678-272-1 | o PLATE ASSY |
| 404 | 3-174-408-01 | o LABEL, FILTER |
| 405 | 3-176-138-01 | o EMBLEM, HYPER HAD |
| 406 | 3-178-213-11 | s SCREW (M3X8), +B |
| 407 | 3-178-213-21 | s SCREW (M3X10), +B |
| 408 | 3-178-213-41 | s SCREW (M3X14), +B |
| 409 | 3-676-244-00 | s COVER, SWITCH |
| 410 | 3-686-188-01 | o LABEL, POWER |
| 411 | 3-686-189-02 | o LID, SIDE |
| 412 | 3-686-190-01 | o PLATE, ATW-SW |
| 413 | 3-686-194-01 | s PAD, SIDE |
| 414 | 3-686-255-01 | o PLATE, GAIN-SW |
| 415 | 3-686-262-01 | o PLATE, LOCK |
| 416 | 3-686-268-01 | s COVER 2, SW |
| 417 | 3-942-866-01 | s NUT (M3) (3X0.5), NYLON |

CHASSIS (2) BLOCK



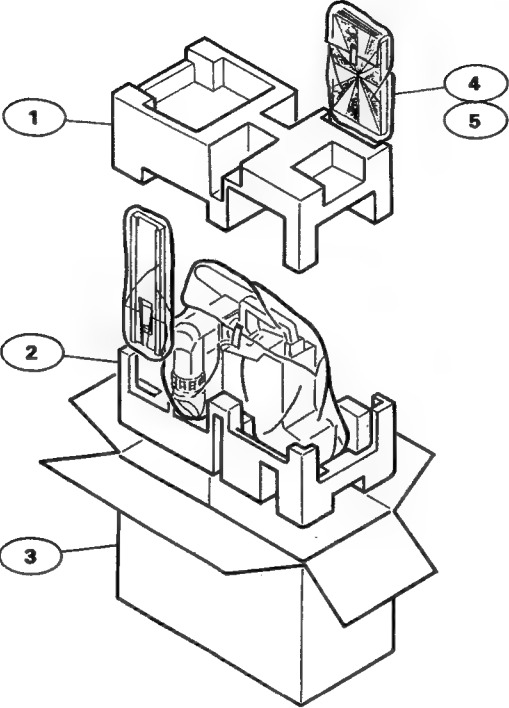
MICROPHONE



MICROPHONE

| No. | Part No. | SP Description |
|-----|--------------|----------------------|
| 501 | 1-542-233-11 | o MICROPHONE |
| 502 | 3-179-882-01 | o SPACER, MICROPHONE |
| 503 | 3-708-875-01 | s SCREEN, WIND |

PACKING MATERIAL AND ACCESSORIES

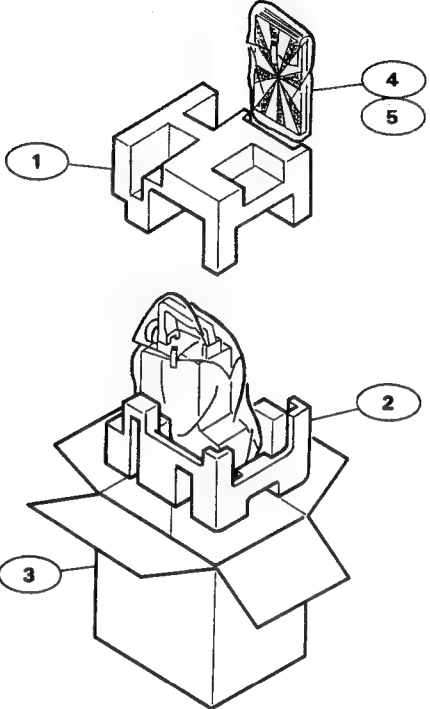


DXC-637K/637PK

| No. | Part No. | SP Description |
|-----|--------------|-------------------------------------|
| 1 | 3-687-064-01 | o CUSHION(TOP) |
| 2 | 3-687-069-01 | o CUSHION(BOTTOM) |
| 3 | 3-687-065-01 | o INDIVIDUAL CARTON (FOR DXC-637K) |
| | 3-687-066-01 | o INDIVIDUAL CARTON (FOR DXC-637PK) |
| 4 | 3-764-889-01 | o CHART, ADJUSTMENT |
| 5 | 3-798-644-01 | s MANUAL, INSTRUCTION (JAPANESE) |
| | 3-798-644-21 | s MANUAL, INSTRUCTION (ENGLISH) |
| | 3-798-644-31 | s MANUAL, INSTRUCTION (FRENCH) |
| | 3-798-644-41 | s MANUAL, INSTRUCTION (GERMAN) |
| | 3-798-644-51 | s MANUAL, INSTRUCTION (ITALIAN) |
| | 3-798-644-61 | s MANUAL, INSTRUCTION (CHINESE) |

DXC-637L/637PL

| No. | Part No. | SP Description |
|-----|--------------|-------------------------------------|
| 1 | 3-687-064-01 | o CUSHION(TOP) |
| 2 | 3-687-069-01 | o CUSHION(BOTTOM) |
| 3 | 3-687-067-01 | o INDIVIDUAL CARTON (FOR DXC-637L) |
| | 3-687-068-01 | o INDIVIDUAL CARTON (FOR DXC-637PL) |
| 4 | 3-764-889-01 | o CHART, ADJUSTMENT |
| 5 | 3-798-644-01 | s MANUAL, INSTRUCTION (JAPANESE) |
| | 3-798-644-21 | s MANUAL, INSTRUCTION (ENGLISH) |
| | 3-798-644-31 | s MANUAL, INSTRUCTION (FRENCH) |
| | 3-798-644-41 | s MANUAL, INSTRUCTION (GERMAN) |
| | 3-798-644-51 | s MANUAL, INSTRUCTION (ITALIAN) |
| | 3-798-644-61 | s MANUAL, INSTRUCTION (CHINESE) |



DXC-637H/637PH

| No. | Part No. | SP Description |
|-----|--------------|-------------------------------------|
| 1 | 3-687-176-01 | o CUSHION(TOP) |
| 2 | 3-687-177-01 | o CUSHION(BOTTOM) |
| 3 | 3-687-178-01 | o INDIVIDUAL CARTON (FOR DXC-637H) |
| | 3-687-179-01 | o INDIVIDUAL CARTON (FOR DXC-637PH) |
| 4 | 3-764-889-01 | o CHART, ADJUSTMENT |
| 5 | 3-798-644-01 | s MANUAL, INSTRUCTION (JAPANESE) |
| | 3-798-644-21 | s MANUAL, INSTRUCTION (ENGLISH) |
| | 3-798-644-31 | s MANUAL, INSTRUCTION (FRENCH) |
| | 3-798-644-41 | s MANUAL, INSTRUCTION (GERMAN) |
| | 3-798-644-51 | s MANUAL, INSTRUCTION (ITALIAN) |
| | 3-798-644-61 | s MANUAL, INSTRUCTION (CHINESE) |

ELECTRICAL PARTS

RESISTOR, CHIP METAL

Part No. SP Description

| | | | | |
|--------------|---|----------------------|-------|-------|
| 1-218-648-11 | s | RES, CHIP METAL 15 | 0.50% | 1/16W |
| 1-218-650-11 | s | RES, CHIP METAL 18 | 0.50% | 1/16W |
| 1-218-651-11 | s | RES, CHIP METAL 20 | 0.50% | 1/16W |
| 1-218-653-11 | s | RES, CHIP METAL 24 | 0.50% | 1/16W |
| 1-218-655-11 | s | RES, CHIP METAL 30 | 0.50% | 1/16W |
| 1-218-659-11 | s | RES, CHIP METAL 43 | 0.50% | 1/16W |
| 1-218-660-11 | s | RES, CHIP METAL 47 | 0.50% | 1/16W |
| 1-218-661-11 | s | RES, CHIP METAL 51 | 0.50% | 1/16W |
| 1-218-663-11 | s | RES, CHIP METAL 62 | 0.50% | 1/16W |
| 1-218-664-11 | s | RES, CHIP METAL 68 | 0.50% | 1/16W |
| 1-218-668-11 | s | RES, CHIP METAL 100 | 0.50% | 1/16W |
| 1-218-670-11 | s | RES, CHIP METAL 120 | 0.50% | 1/16W |
| 1-218-671-11 | s | RES, CHIP METAL 130 | 0.50% | 1/16W |
| 1-218-672-11 | s | RES, CHIP METAL 150 | 0.50% | 1/16W |
| 1-218-675-11 | s | RES, CHIP METAL 200 | 0.50% | 1/16W |
| 1-218-676-11 | s | RES, CHIP METAL 220 | 0.50% | 1/16W |
| 1-218-677-11 | s | RES, CHIP METAL 240 | 0.50% | 1/16W |
| 1-218-679-11 | s | RES, CHIP METAL 300 | 0.50% | 1/16W |
| 1-218-680-11 | s | RES, CHIP METAL 330 | 0.50% | 1/16W |
| 1-218-684-11 | s | RES, CHIP METAL 470 | 0.50% | 1/16W |
| 1-218-688-11 | s | RES, CHIP METAL 680 | 0.50% | 1/16W |
| 1-218-692-11 | s | RES, CHIP METAL 1K | 0.50% | 1/16W |
| 1-218-694-11 | s | RES, CHIP METAL 1.2K | 0.50% | 1/16W |
| 1-218-695-11 | s | RES, CHIP METAL 1.3K | 0.50% | 1/16W |
| 1-218-697-11 | s | RES, CHIP METAL 1.6K | 0.50% | 1/16W |
| 1-218-698-11 | s | RES, CHIP METAL 1.8K | 0.50% | 1/16W |
| 1-218-699-11 | s | RES, CHIP METAL 2K | 0.50% | 1/16W |
| 1-218-700-11 | s | RES, CHIP METAL 2.2K | 0.50% | 1/16W |
| 1-218-701-11 | s | RES, CHIP METAL 2.4K | 0.50% | 1/16W |
| 1-218-702-11 | s | RES, CHIP METAL 2.7K | 0.50% | 1/16W |
| 1-218-704-11 | s | RES, CHIP METAL 3.3K | 0.50% | 1/16W |
| 1-218-705-11 | s | RES, CHIP METAL 3.6K | 0.50% | 1/16W |
| 1-218-706-11 | s | RES, CHIP METAL 3.9K | 0.50% | 1/16W |
| 1-218-707-11 | s | RES, CHIP METAL 4.3K | 0.50% | 1/16W |
| 1-218-708-11 | s | RES, CHIP METAL 4.7K | 0.50% | 1/16W |
| 1-218-710-11 | s | RES, CHIP METAL 5.6K | 0.50% | 1/16W |
| 1-218-714-11 | s | RES, CHIP METAL 8.2K | 0.50% | 1/16W |
| 1-218-716-11 | s | RES, CHIP METAL 10K | 0.50% | 1/16W |
| 1-218-717-11 | s | RES, CHIP METAL 11K | 0.50% | 1/16W |
| 1-218-720-11 | s | RES, CHIP METAL 15K | 0.50% | 1/16W |
| 1-218-721-11 | s | RES, CHIP METAL 16K | 0.50% | 1/16W |
| 1-218-722-11 | s | RES, CHIP METAL 18K | 0.50% | 1/16W |
| 1-218-723-11 | s | RES, CHIP METAL 20K | 0.50% | 1/16W |
| 1-218-724-11 | s | RES, CHIP METAL 22K | 0.50% | 1/16W |
| 1-218-725-11 | s | RES, CHIP METAL 24K | 0.50% | 1/16W |
| 1-218-727-11 | s | RES, CHIP METAL 30K | 0.50% | 1/16W |
| 1-218-729-11 | s | RES, CHIP METAL 36K | 0.50% | 1/16W |
| 1-218-730-11 | s | RES, CHIP METAL 39K | 0.50% | 1/16W |
| 1-218-732-11 | s | RES, CHIP METAL 47K | 0.50% | 1/16W |
| 1-218-733-11 | s | RES, CHIP METAL 51K | 0.50% | 1/16W |

RESISTOR, CHIP METAL

Part No. SP Description

| | | | | |
|--------------|---|----------------------|-------|-------|
| 1-218-734-11 | s | RES, CHIP METAL 56K | 0.50% | 1/16W |
| 1-218-735-11 | s | RES, CHIP METAL 62K | 0.50% | 1/16W |
| 1-218-736-11 | s | RES, CHIP METAL 68K | 0.50% | 1/16W |
| 1-218-738-11 | s | RES, CHIP METAL 82K | 0.50% | 1/16W |
| 1-218-739-11 | s | RES, CHIP METAL 91K | 0.50% | 1/16W |
| 1-218-740-11 | s | RES, CHIP METAL 100K | 0.50% | 1/16W |
| 1-218-741-11 | s | RES, CHIP METAL 110K | 0.50% | 1/16W |
| 1-218-743-11 | s | RES, CHIP METAL 130K | 0.50% | 1/16W |
| 1-218-744-11 | s | RES, CHIP METAL 150K | 0.50% | 1/16W |
| 1-218-745-11 | s | RES, CHIP METAL 160K | 0.50% | 1/16W |
| 1-218-746-11 | s | RES, CHIP METAL 180K | 0.50% | 1/16W |
| 1-218-747-11 | s | RES, CHIP METAL 200K | 0.50% | 1/16W |
| 1-218-748-11 | s | RES, CHIP METAL 220K | 0.50% | 1/16W |
| 1-218-749-11 | s | RES, CHIP METAL 240K | 0.50% | 1/16W |
| 1-218-750-11 | s | RES, CHIP METAL 270K | 0.50% | 1/16W |
| 1-218-751-11 | s | RES, CHIP METAL 300K | 0.50% | 1/16W |
| 1-218-752-11 | s | RES, CHIP METAL 330K | 0.50% | 1/16W |

AA-81 BOARD

Ref. No.

or Q'ty Part No. SP Description

1pc A-8310-959-A o MOUNTED CIRCUIT BOARD, AA-81

C1 1-104-913-11 s TANTALUM 10uF 20% 16V
C2 1-104-913-11 s TANTALUM 10uF 20% 16V
C3 1-104-551-11 s FILM 0.01uF 5% 16V
C4 1-104-551-11 s FILM 0.01uF 5% 16V
C5 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 50V

C6 1-126-393-11 s ELECT 33uF 20% 10V
C7 1-126-393-11 s ELECT 33uF 20% 10V
C8 1-126-338-11 s ELECT 47uF 20% 63V
C9 1-137-401-11 s FILM 0.22uF 5% 100V
C10 1-137-401-11 s FILM 0.22uF 5% 100V

C11 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C12 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C13 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C14 1-104-563-11 s FILM, CHIP 0.1uF 5% 16V
C15 1-163-038-91 s CERAMIC 0.1uF 25V

C16 1-161-900-11 s CERAMIC 1uF 50V

CN1 1-506-469-11 s CONNECTOR, 4P, MALE
CN2 1-564-014-11 s CONNECTOR 4P, MALE
CN3 1-506-473-11 o CONNECTOR, 8P, MALE
CN4 1-564-002-11 s PIN, CONNECTOR 3P
CN5 1-568-801-11 s CONNECTOR, FPC (ZIF) 24P

CN6 1-506-468-11 s CONNECTOR, 3P, MALE

D1 8-719-800-76 s DIODE 1SS226
D2 8-719-800-76 s DIODE 1SS226

FB1 1-543-775-11 s FILTER, EMI
FB2 1-543-775-11 s FILTER, EMI
FB3 1-543-775-11 s FILTER, EMI
FB4 1-543-775-11 s FILTER, EMI

IC1 8-759-209-57 s IC TC4S69F
IC2 8-759-076-06 s IC TL064CPW
IC3 8-759-700-09 s IC NJM2043M-D
IC4 8-759-082-61 s IC TC4W53FU
IC5 8-759-082-61 s IC TC4W53FU

IC6 8-759-082-61 s IC TC4W53FU
IC7 8-759-082-61 s IC TC4W53FU

L1 1-410-369-11 s INDUCTOR CHIP 1uH

Q1 8-729-120-28 s TRANSISTOR 2SC1623-L5L6
Q2 8-729-120-28 s TRANSISTOR 2SC1623-L5L6
Q3 8-729-120-28 s TRANSISTOR 2SC1623-L5L6
Q4 8-729-120-28 s TRANSISTOR 2SC1623-L5L6
Q5 8-729-120-28 s TRANSISTOR 2SC1623-L5L6

Q6 8-729-905-24 s TRANSISTOR 2SA1576S
Q7 8-729-905-24 s TRANSISTOR 2SA1576S

R2 1-216-017-00 s METAL, CHIP 47 5% 1/10W
R3 1-216-017-00 s METAL, CHIP 47 5% 1/10W
R4 1-216-089-00 s METAL, CHIP 47K 5% 1/10W
R5 1-208-806-11 s METAL 10K 0.50% 1/10W
R6 1-216-089-00 s METAL, CHIP 47K 5% 1/10W

R7 1-216-051-00 s METAL, CHIP 1.2K 5% 1/10W
R8 1-216-105-91 s METAL 220K 5% 1/10W
R9 1-208-806-11 s METAL 10K 0.50% 1/10W
R10 1-216-611-11 s METAL, CHIP 22 0.5% 1/10W
R11 1-208-806-11 s METAL 10K 0.50% 1/10W

(AA-81 BOARD)

Ref. No.

or Q'ty Part No. SP Description

R12 1-208-806-11 s METAL 10K 0.50% 1/10W
R13 1-208-806-11 s METAL 10K 0.50% 1/10W
R14 1-216-611-11 s METAL, CHIP 22 0.5% 1/10W
R15 1-216-057-00 s METAL, CHIP 2.2K 5% 1/10W
R16 1-216-671-11 s METAL, CHIP 6.8K 0.5% 1/10W

R17 1-216-671-11 s METAL, CHIP 6.8K 0.5% 1/10W
R18 1-208-806-11 s METAL 10K 0.50% 1/10W
R19 1-208-806-11 s METAL 10K 0.50% 1/10W
R20 1-216-025-91 s METAL 100 5% 1/10W
R21 1-216-065-00 s METAL, CHIP 4.7K 5% 1/10W

R22 1-216-665-11 s METAL, CHIP 3.9K 0.5% 1/10W
R23 1-216-676-11 s METAL, CHIP 11K 0.5% 1/10W
R24 1-216-025-91 s METAL 100 5% 1/10W
R25 1-216-065-00 s METAL, CHIP 4.7K 5% 1/10W
R26 1-216-665-11 s METAL, CHIP 3.9K 0.5% 1/10W

R27 1-216-676-11 s METAL, CHIP 11K 0.5% 1/10W
R28 1-216-089-00 s METAL, CHIP 47K 5% 1/10W
R29 1-216-025-91 s METAL 100 5% 1/10W
R30 1-216-025-91 s METAL 100 5% 1/10W
R31 1-216-057-00 s METAL, CHIP 2.2K 5% 1/10W

R32 1-216-057-00 s METAL, CHIP 2.2K 5% 1/10W
R33 1-208-806-11 s METAL 10K 0.50% 1/10W
R34 1-216-065-00 s METAL, CHIP 4.7K 5% 1/10W
R35 1-216-065-00 s METAL, CHIP 4.7K 5% 1/10W
R36 1-216-041-00 s METAL, CHIP 470 5% 1/10W

R38 1-216-295-00 s METAL 0 5% 1/10W
R39 1-216-115-00 s METAL, CHIP 560K 5% 1/10W
R40 1-216-049-91 s METAL 1K 5% 1/10W

RV1 1-237-035-11 s RES, ADJ, METAL 5K

T1 1-427-487-00 s TRANSFORMER, OUTPUT

Please see page D-13 for the part numbers of resistor that is not the parts list.

AT-93 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | A-8310-952-A | o MOUNTED CIRCUIT BOARD, AT-93 |
| 2pcs | 7-627-554-27 | s SCREW, PRECITION +P 2X6 TYPE1 |
| BT1 | 1-550-414-31 | s HOLDER, BATTERY |
| C1 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C2 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C3 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C4 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C5 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C6 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C7 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C8 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C9 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C10 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C11 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C12 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C13 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C14 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C15 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C16 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C17 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C18 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C19 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C20 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C21 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C24 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C25 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C26 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C27 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C28 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C29 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C30 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C31 | 1-104-551-11 | s FILM 0.01uF 5% 16V |
| C32 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C33 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C34 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C35 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C36 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C37 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C38 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C39 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C41 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C42 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C43 | 1-164-315-11 | s CERAMIC 470PF 5% 50V |
| C44 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C45 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C46 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C47 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C48 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C49 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C50 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C51 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C52 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C53 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V |
| C54 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C55 | 1-162-957-11 | s CERAMIC 220PF 5% 50V |
| C58 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C60 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C61 | 1-162-920-11 | s CERAMIC, CHIP 27PF 5% 50V |

(AT-93 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C62 | 1-162-920-11 | s CERAMIC, CHIP 27PF 5% 50V |
| CN1 | 1-691-856-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN2 | 1-766-790-11 | o CONNECTOR 12P |
| CN3 | 1-766-790-11 | o CONNECTOR 12P |
| CV1 | 1-141-424-11 | s CAP, ADJ |
| D1 | 8-719-404-35 | s DIODE MA141WK |
| D2 | 8-719-974-76 | s DIODE HSM107S |
| D3 | 8-719-974-76 | s DIODE HSM107S |
| D4 | 8-719-404-35 | s DIODE MA141WK |
| D5 | 8-719-800-76 | s DIODE 1SS226 |
| D6 | 8-719-800-76 | s DIODE 1SS226 |
| D7 | 8-719-974-76 | s DIODE HSM107S |
| D8 | 8-719-974-76 | s DIODE HSM107S |
| D9 | 8-719-974-76 | s DIODE HSM107S |
| D10 | 8-719-800-76 | s DIODE 1SS226 |
| D11 | 8-719-974-76 | s DIODE HSM107S |
| D12 | 8-719-974-76 | s DIODE HSM107S |
| D13 | 8-719-404-35 | s DIODE MA141WK |
| D14 | 8-719-404-35 | s DIODE MA141WK |
| IC1 | 8-759-234-20 | s IC TC7S08F |
| IC2 | 8-759-234-20 | s IC TC7S08F |
| IC3 | 8-759-065-20 | s IC RTC-4553B |
| IC5 | 8-759-940-45 | s IC S-8054HN-CB |
| IC6 | 8-759-086-42 | s IC X24C02S-3.0-C7000 |
| IC7 | 8-759-347-93 | s IC HD6475368SF-DXC6372 |
| IC8 | 8-759-078-75 | s IC UPD6453GT-610 |
| IC9 | 8-759-278-11 | s IC TC4051BFS(EL) |
| IC11 | 8-759-066-61 | s IC TC4053BFS |
| IC12 | 8-759-089-61 | s IC TC74HC4052AFS(EL) |
| IC14 | 8-759-066-61 | s IC TC4053BFS |
| IC15 | 8-759-173-16 | s IC TL062CPW |
| IC16 | 8-759-076-06 | s IC TL064CPW |
| IC17 | 8-759-035-90 | s IC SC7S02FEL |
| IC18 | 8-759-234-20 | s IC TC7S08F |
| IC19 | 8-759-242-64 | s IC TC4W53F |
| IC20 | 8-759-700-07 | s IC NJM2903M |
| IC21 | 8-759-209-90 | s IC TC4S71F |
| L1 | 1-410-387-11 | s INDUCTOR CHIP 33UH |
| L2 | 1-410-387-11 | s INDUCTOR CHIP 33UH |
| L3 | 1-410-387-11 | s INDUCTOR CHIP 33UH |
| L5 | 1-410-387-11 | s INDUCTOR CHIP 33UH |
| L6 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| Q1 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q2 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q3 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q4 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q5 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q6 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q7 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q8 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q9 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q10 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q11 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q12 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q13 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q14 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q15 | 8-729-402-84 | s TRANSISTOR XN4601 |

(AT-93 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| Q16 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q17 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q18 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q19 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q20 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q21 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q22 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q23 | 8-729-403-32 | s TRANSISTOR XN6534 |
| Q24 | 8-729-143-13 | s TRANSISTOR 2SC4176-B34 |
| Q25 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q26 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q27 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| R1 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R2 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R3 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R4 | 1-216-841-11 | s METAL, CHIP 47K 5% 1/16W |
| R5 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R6 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R7 | 1-216-797-11 | s METAL, CHIP 10 5% 1/16W |
| R8 | 1-216-835-11 | s METAL, CHIP 15K 5% 1/16W |
| R11 | 1-216-845-11 | s METAL, CHIP 100K 5% 1/16W |
| R12 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R13 | 1-216-841-11 | s METAL, CHIP 47K 5% 1/16W |
| R15 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R16 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R17 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R18 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R19 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R23 | 1-216-839-11 | s METAL, CHIP 33K 5% 1/16W |
| R24 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R25 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R26 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R27 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R28 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R29 | 1-216-845-11 | s METAL, CHIP 100K 5% 1/16W |
| R30 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R31 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R32 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R33 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R34 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R35 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R36 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R37 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R38 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R39 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R40 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R41 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R42 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R43 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R44 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R45 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R46 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R47 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R48 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R62 | 1-216-845-11 | s METAL, CHIP 100K 5% 1/16W |
| R63 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R64 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R68 | 1-216-830-11 | s METAL, CHIP 5.6K 5% 1/16W |

(AT-93 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| R69 | 1-216-830-11 | s METAL, CHIP 5.6K 5% 1/16W |
| R70 | 1-216-830-11 | s METAL, CHIP 5.6K 5% 1/16W |
| R71 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R72 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R73 | 1-216-830-11 | s METAL, CHIP 5.6K 5% 1/16W |
| R74 | 1-216-827-11 | s METAL, CHIP 3.3K 5% 1/16W |
| R75 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R76 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R77 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R79 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R80 | 1-216-824-11 | s METAL, CHIP 1.8K 5% 1/16W |
| R81 | 1-216-822-11 | s METAL, CHIP 1.2K 5% 1/16W |
| R82 | 1-216-825-11 | s METAL, CHIP 2.2K 5% 1/16W |
| R83 | 1-216-827-11 | s METAL, CHIP 3.3K 5% 1/16W |
| R84 | 1-216-817-11 | s METAL, CHIP 470 5% 1/16W |
| R85 | 1-216-819-11 | s METAL, CHIP 680 5% 1/16W |
| R86 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R87 | 1-216-817-11 | s METAL, CHIP 470 5% 1/16W |
| R88 | 1-216-827-11 | s METAL, CHIP 3.3K 5% 1/16W |
| R89 | 1-216-827-11 | s METAL, CHIP 3.3K 5% 1/16W |
| R90 | 1-216-841-11 | s METAL, CHIP 47K 5% 1/16W |
| R92 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R93 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R94 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R95 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R96 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R97 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R98 | 1-216-814-11 | s METAL, CHIP 270 5% 1/16W |
| R99 | 1-216-814-11 | s METAL, CHIP 270 5% 1/16W |
| R100 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R101 | 1-216-857-11 | s METAL, CHIP 1M 5% 1/16W |
| R102 | 1-216-857-11 | s METAL, CHIP 1M 5% 1/16W |
| R103 | 1-216-832-11 | s METAL, CHIP 8.2K 5% 1/16W |
| R104 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R105 | 1-216-827-11 | s METAL, CHIP 3.3K 5% 1/16W |
| R106 | 1-216-837-11 | s METAL, CHIP 22K 5% 1/16W |
| R107 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R108 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R109 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R110 | 1-216-828-11 | s METAL, CHIP 3.9K 5% 1/16W |
| R111 | 1-216-821-11 | s METAL, CHIP 1K 5% 1/16W |
| R112 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R114 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R118 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R119 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R120 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R121 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R122 | 1-216-825-11 | s METAL, CHIP 2.2K 5% 1/16W |
| R123 | 1-216-809-11 | s METAL, CHIP 100 5% 1/16W |
| R124 | 1-218-874-11 | s METAL 13K 0.50% 1/16W |
| R125 | 1-216-845-11 | s METAL, CHIP 100K 5% 1/16W |
| R126 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R127 | 1-218-889-11 | s METAL 56K 0.50% 1/16W |
| R129 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R130 | 1-216-833-11 | s METAL, CHIP 10K 5% 1/16W |
| R131 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |
| R132 | 1-216-823-11 | s METAL, CHIP 1.5K 5% 1/16W |
| R133 | 1-216-825-11 | s METAL, CHIP 2.2K 5% 1/16W |
| R134 | 1-216-829-11 | s METAL, CHIP 4.7K 5% 1/16W |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(AT-93 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---------------------------|
| R135 | 1-216-830-11 s | METAL, CHIP 5.6K 5% 1/16W |
| R136 | 1-216-824-11 s | METAL, CHIP 1.8K 5% 1/16W |
| R137 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R138 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R139 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R140 | 1-216-836-11 s | METAL, CHIP 18K 5% 1/16W |
| R141 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R142 | 1-216-832-11 s | METAL, CHIP 8.2K 5% 1/16W |
| R143 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R144 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R145 | 1-216-837-11 s | METAL, CHIP 22K 5% 1/16W |
| R146 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R147 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R148 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R150 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R151 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R152 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R154 | 1-216-817-11 s | METAL, CHIP 470 5% 1/16W |
| R155 | 1-216-817-11 s | METAL, CHIP 470 5% 1/16W |
| R156 | 1-216-817-11 s | METAL, CHIP 470 5% 1/16W |
| R157 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R158 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R159 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R160 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R161 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R162 | 1-215-445-11 s | METAL 10K 1% 1/4W |
| X1 | 1-760-273-11 s | CRYSTAL 20MHz |

CN-1106 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--------------------------------|
| 1pc | A-8310-949-A o | MOUNTED CIRCUIT BOARD, CN-1106 |
| C1 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| C2 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| CN1 | 1-573-594-11 s | CONNECTOR, XLR 3P "MIC" |

CN-1107 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--------------------------------|
| 1pc | A-8310-964-A o | MOUNTED CIRCUIT BOARD, CN-1107 |
| 1pc | 1-564-831-11 o | CONTACT, FEMALE |
| 1pc | 1-569-191-11 o | CONTACT, AWG22-26 |
| 1pc | 1-569-193-11 o | CONTACT, AWG24-30 |
| 1pc | 1-569-201-11 o | HOUSING, 8P |
| C2 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| C3 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| C4 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| C5 | 1-161-051-00 s | CERAMIC 0.01uF 10% 50V |
| CN1 | 1-561-320-41 s | SOCKET, DIN 8P "VF" |
| FL1 | 1-236-164-11 s | ENCAPSULATED COMPONENT |

CN-1173 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--------------------------------|
| 1pc | A-8310-963-A o | MOUNTED CIRCUIT BOARD, CN-1173 |
| CN1 | 1-691-549-21 o | CONNECTOR, 48P |

EN-122(N)/122(P) BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| 1pc | A-8310-956-A | o MOUNTED CIRCUIT BOARD, EN-122 (N) [for DXC-637;J, DXC-637;UC] |
| 1pc | A-8310-976-A | o MOUNTED CIRCUIT BOARD, EN-122 (P) [for DXC-637P;EK] |
| 2pcs | 7-627-554-27 | s SCREW, PRECISION +P 2X6 TYPE1 |
| 1pc | 3-699-005-01 | o SUPPORT, TG-18 |
| 1pc | 7-621-772-18 | s SCREW +B 2X4 |
| C1 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C2 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C3 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C4 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C5 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C6 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C7 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C8 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C12 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C13 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C16 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C17 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C22 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C23 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C26 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C27 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C30 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C31 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C32 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C33 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C34 | 1-126-399-11 | s ELECT, CHIP 10uF 20% 35V |
| C35 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C36 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C37 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C38 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C39 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C40 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C41 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C42 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C44 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C45 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C46 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C47 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C49 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C50 | 1-165-176-11 | s CERAMIC 0.047uF 10% 16V |
| C53 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C54 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C55 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C58 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C59 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C60 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C61 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C63 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C64 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C65 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C66 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C67 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C68 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C69 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C70 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C71 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C72 | 1-126-393-11 | s ELECT 33uF 20% 10V |

(EN-122(N)/122(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| C73 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C74 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C75 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C76 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C77 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V [for DXC-637;J, DXC-637;UC] |
| C77 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V [for DXC-637P;EK] |
| C78 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V [for DXC-637;J, DXC-637;UC] |
| C78 | 1-162-925-11 | s CERAMIC, CHIP 68PF 5% 50V [for DXC-637P;EK] |
| C79 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C80 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C82 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C83 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C84 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C85 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C86 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C87 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C88 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C89 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C90 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C91 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C92 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C93 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |
| C95 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C97 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C98 | 1-162-995-11 | s CERAMIC, CHIP 0.022uF 50V |
| C99 | 1-104-913-11 | s TANTALUM 10uF 20% 16V [for DXC-637;J, DXC-637;UC] |
| C99 | 1-131-353-00 | s TANTALUM 10uF 10% 35V [for DXC-637P;EK] |
| C100 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C101 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C102 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C103 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C104 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C105 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C106 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C107 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C108 | 1-135-212-21 | s TANTALUM, CHIP 2.2uF 10% 35V |
| C109 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C110 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C111 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C112 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C113 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V [for DXC-637;J, DXC-637;UC] |
| CN1 | 1-691-856-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN2 | 1-770-582-11 | o CONNECTOR 30P |
| D1 | 8-719-029-63 | s DIODE RD4.3UH-T1 |
| D2 | 8-719-027-95 | s DIODE HSM88WK |
| D3 | 8-719-027-95 | s DIODE HSM88WK |
| D4 | 8-719-027-95 | s DIODE HSM88WK |
| D5 | 8-719-800-76 | s DIODE 1SS226 |
| D6 | 8-719-404-35 | s DIODE MA141WK |
| DL1 | 1-411-271-21 | s DELAY LINE 155nS |
| DL2 | 1-411-272-21 | s DELAY LINE 185nS |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(EN-122(N)/122(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--|
| IC1 | 8-759-173-16 s | IC TL062CPW |
| IC3 | 8-759-258-43 s | IC LT1253CS8-E2 |
| IC4 | 8-759-258-43 s | IC LT1253CS8-E2 |
| IC5 | 8-759-258-43 s | IC LT1253CS8-E2 |
| IC7 | 8-759-258-43 s | IC LT1253CS8-E2 |
| IC8 | 8-759-173-16 s | IC TL062CPW |
| IC9 | 8-759-082-61 s | IC TC4W53FU |
| IC10 | 8-759-076-06 s | IC TL064CPW |
| IC11 | 8-759-082-61 s | IC TC4W53FU |
| IC12 | 8-759-079-52 s | IC TC74VHC08FS(EL) |
| IC14 | 8-759-066-61 s | IC TC4053BFS |
| IC15 | 8-759-234-20 s | IC TC7S08F |
| IC16 | 8-759-082-61 s | IC TC4W53FU |
| IC17 | 8-759-288-20 s | IC CXD8924Q |
| IC18 | 8-759-079-60 s | IC TC74VHC32FS(EL) |
| IC19 | 8-759-635-27 s | IC M62352GP |
| IC20 | 8-759-710-24 s | IC NJM319M |
| IC21 | 8-759-035-90 s | IC SC7S02FEL |
| IC22 | 8-759-031-84 s | IC SC7S04F |
| IC23 | 8-759-082-61 s | IC TC4W53FU |
| IC25 | 8-759-031-84 s | IC SC7S04F |
| IC26 | 8-759-079-55 s | IC TC74VHC11FS(EL) [for DXC-637P;EK] |
| IC27 | 8-759-173-16 s | IC TL062CPW |
| IC28 | 8-759-973-99 s | IC CXD1361M [for DXC-637P;EK] |
| IC29 | 8-759-071-41 s | IC CXD8154BM |
| IC30 | 8-759-066-61 s | IC TC4053BFS |
| IC31 | 8-759-082-61 s | IC TC4W53FU |
| IC32 | 8-759-082-61 s | IC TC4W53FU |
| IC33 | 8-759-209-57 s | IC TC4S69F |
| IC34 | 8-759-186-51 s | IC TC74VHC157F |
| IC35 | 8-759-035-93 s | IC TC7S32F |
| IC36 | 8-759-234-20 s | IC TC7S08F |
| IC37 | 8-759-234-20 s | IC TC7S08F |
| L1 | 1-410-392-11 s | INDUCTOR, CHIP 82uH [for DXC-637;J, DXC-637;UC] |
| L1 | 1-410-656-11 s | INDUCTOR CHIP 150uH [for DXC-637P;EK] |
| L2 | 1-410-387-11 s | INDUCTOR CHIP 33uH |
| L3 | 1-410-385-11 s | INDUCTOR, CHIP 22uH |
| L4 | 1-410-385-11 s | INDUCTOR, CHIP 22uH |
| Q1 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| Q2 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| Q3 | 8-729-402-84 s | TRANSISTOR XN4601 |
| Q4 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q5 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q6 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q7 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q8 | 8-729-403-32 s | TRANSISTOR XN6534 |
| Q9 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q10 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q11 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q12 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q13 | 8-729-403-32 s | TRANSISTOR XN6534 |
| Q14 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q15 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q16 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q17 | 8-729-402-78 s | TRANSISTOR XN6401 |

(EN-122(N)/122(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--|
| Q18 | 8-729-403-32 s | TRANSISTOR XN6534 |
| Q19 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q20 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q21 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q22 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q23 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q24 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q25 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q26 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q27 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q28 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q29 | 8-729-402-84 s | TRANSISTOR XN4601 |
| Q30 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q31 | 8-729-402-84 s | TRANSISTOR XN4601 |
| Q32 | 8-729-402-84 s | TRANSISTOR XN4601 |
| Q33 | 8-729-402-84 s | TRANSISTOR XN4601 |
| Q35 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q36 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q37 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q38 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q39 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q40 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q41 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q42 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q43 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q44 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q45 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q46 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q47 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q48 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q49 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| R1 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R9 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R11 | 1-218-846-11 s | METAL 910 0.50% 1/16W |
| R15 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R20 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R23 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R24 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R29 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R30 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R36 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R38 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R44 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R45 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R46 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R56 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R66 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R77 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R81 | 1-218-886-11 s | METAL 43K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R82 | 1-218-886-11 s | METAL 43K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R85 | 1-218-846-11 s | METAL 910 0.50% 1/16W |
| R100 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R104 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R105 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R115 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R141 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |

(EN-122(N)/122(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--|
| R142 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R146 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R147 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R151 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R166 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R169 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R171 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R172 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R175 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R176 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R177 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R178 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R179 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R182 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R185 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R185 | 1-218-883-11 s | METAL 33K 0.50% 1/16W [for DXC-637P;EK] |
| R187 | 1-218-874-11 s | METAL 13K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R187 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R188 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R189 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R191 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R191 | 1-218-883-11 s | METAL 33K 0.50% 1/16W [for DXC-637P;EK] |
| R193 | 1-218-874-11 s | METAL 13K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R193 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R194 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R195 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R197 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R197 | 1-218-883-11 s | METAL 33K 0.50% 1/16W [for DXC-637P;EK] |
| R199 | 1-218-874-11 s | METAL 13K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R199 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R200 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R201 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R206 | 1-218-870-11 s | METAL 9.1K 0.50% 1/16W |
| R234 | 1-218-841-11 s | METAL 560 0.50% 1/16W |
| R236 | 1-211-981-11 s | METAL 33 0.50% 1/16W |
| R238 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R241 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R242 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |

(EN-122(N)/122(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---|
| R246 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R247 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R248 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R249 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R250 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R251 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R253 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R255 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R256 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R257 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R258 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R259 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R269 | 1-218-858-11 s | METAL 3K 0.50% 1/16W |
| R272 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R275 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R278 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R279 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R280 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R281 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R282 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R286 | 1-211-977-11 s | METAL 22 0.50% 1/16W [for DXC-637P;EK] |
| RV3 | 1-241-265-11 s | RES, ADJ, METALT 20K [for DXC-637;J, DXC-637;UC] |
| RV4 | 1-241-262-11 s | RES, ADJ, METALT 2K |
| RV5 | 1-241-260-11 s | RES, ADJ, METALT 500 |
| RV6 | 1-241-260-11 s | RES, ADJ, METALT 500 |
| RV7 | 1-241-262-11 s | RES, ADJ, METALT 2K |
| RV8 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV9 | 1-241-261-41 s | RES, ADJ, METAL 1K |
| RV10 | 1-241-263-11 s | RES, ADJ, METALT 5K |
| RV11 | 1-241-262-11 s | RES, ADJ, METALT 2K |
| RV12 | 1-238-853-11 s | RES, ADJ, METAL 1K |
| S1 | 1-572-342-11 s | SWITCH, SLIDE [for DXC-637;J, DXC-637;UC] |

Please see page D-13 for the part numbers of resistor that is not the parts list.

FP-68 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| 1pc | A-8310-948-A | o MOUNTED CIRCUIT BOARD, FP-68 |
| CN1 | 1-691-863-11 | s CONNECTOR, 4P |
| R1 | 1-215-461-00 | s METAL 47K 1% 1/6W |
| R2 | 1-215-453-00 | s METAL 22K 1% 1/6W |
| R3 | 1-215-449-00 | s METAL 15K 1% 1/6W |
| R4 | 1-215-405-00 | s METAL 220 1% 1/6W |
| S1 | 1-571-404-11 | s SWITCH, KEY BOARD |
| S2 | 1-571-404-11 | s SWITCH, KEY BOARD |
| S3 | 1-570-984-11 | s SWITCH, TOGGLE |
| S4 | 1-692-313-11 | s SWITCH, PUSH |

IE-47 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | A-8310-955-A | o MOUNTED CIRCUIT BOARD, IE-47 |
| C1 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C2 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C3 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C4 | 1-162-915-11 | s CERAMIC, CHIP 10PF 50V |
| C6 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C7 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C8 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C9 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C10 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C11 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C12 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C13 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C14 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C15 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C16 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C17 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C19 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C20 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C21 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C22 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C24 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C25 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C26 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C29 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C31 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C32 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C33 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C34 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C35 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C37 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C38 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V |
| C41 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C42 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C43 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C44 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C45 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C46 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C47 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C48 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C49 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C50 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C51 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C52 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C53 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C54 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C55 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C56 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C57 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C58 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C59 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C60 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C61 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C62 | 1-135-070-00 | s TANTALUM, CHIP 0.1uF 10% 35V |
| C63 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C64 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C65 | 1-135-070-00 | s TANTALUM, CHIP 0.1uF 10% 35V |
| C70 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |

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| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C71 | 1-135-070-00 | s TANTALUM, CHIP 0.1uF 10% 35V |
| C78 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C79 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C81 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C82 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C83 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C84 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C85 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C86 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C87 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C88 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C89 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V |
| C90 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C91 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C92 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C93 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C94 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C95 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C96 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C97 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C98 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C99 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C101 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V |
| C102 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V |
| C103 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C104 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C105 | 1-128-391-11 | s ELECT 330uF 20% 6.3V |
| C107 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C108 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C109 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C110 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C111 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C112 | 1-107-686-11 | s TANTALUM 4.7uF 20% 16V |
| C113 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C114 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C123 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C124 | 1-162-970-11 | s CERAMIC, CHIP 0.01uF 10% 25V |
| C125 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C126 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C127 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C128 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C129 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C135 | 1-162-908-11 | s CERAMIC 3PF 0.25PF 50V |
| C137 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C138 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C140 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C141 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C142 | 1-135-070-00 | s TANTALUM, CHIP 0.1uF 10% 35V |
| C143 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C144 | 1-107-854-11 | s TANTALUM 68uF 20% 6.3V |
| C147 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C150 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C151 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C152 | 1-104-851-11 | s TANTALUM 10uF 20% 10V |
| C153 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C154 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C155 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C156 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |

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| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------|
| CN1 | 1-770-581-11 | o CONNECTOR 30P |
| CV1 | 1-141-422-11 | s CAP, ADJ |
| D1 | 8-719-800-76 | s DIODE 1SS226 |
| D2 | 8-719-157-20 | s DIODE RD4.3M-B |
| D4 | 8-719-948-47 | s DIODE HSM88AS |
| D5 | 8-719-948-47 | s DIODE HSM88AS |
| D6 | 8-719-157-20 | s DIODE RD4.3M-B |
| D7 | 8-719-157-20 | s DIODE RD4.3M-B |
| DL2 | 1-406-728-21 | s DELAY LINE, LC (35NS) |
| DL3 | 1-406-728-21 | s DELAY LINE, LC (35NS) |
| DL4 | 1-406-728-21 | s DELAY LINE, LC (35NS) |
| DL5 | 1-406-728-21 | s DELAY LINE, LC (35NS) |
| DL6 | 1-406-728-21 | s DELAY LINE, LC (35NS) |
| FL1 | 1-239-620-21 | s FILTER, TRAP |
| FL2 | 1-233-342-11 | s FILTER, TRAP |
| FL3 | 1-233-342-11 | s FILTER, TRAP |
| IC1 | 8-759-035-93 | s IC TC7S32F |
| IC2 | 8-752-358-04 | s IC CXD2310R |
| IC4 | 8-752-360-44 | s IC CXK1203AR |
| IC5 | 8-759-700-95 | s IC NJM1496M |
| IC6 | 8-759-300-71 | s IC MC14053BF |
| IC7 | 8-759-906-53 | s IC TL062CPS |
| IC8 | 8-759-011-65 | s IC MC74HC4053F |
| IC9 | 8-759-906-54 | s IC TL064CNS |
| IC10 | 8-759-031-84 | s IC SC7S04F |
| IC11 | 8-759-038-46 | s IC SC7S00F |
| IC12 | 8-759-916-23 | s IC SN74HC27ANS |
| IC13 | 8-759-242-64 | s IC TC4W53F |
| IC15 | 8-759-038-46 | s IC SC7S00F |
| IC16 | 8-752-360-44 | s IC CXK1203AR |
| IC17 | 8-752-363-60 | s IC CXD2307R |
| IC18 | 8-759-234-20 | s IC TC7S08F |
| IC20 | 8-759-906-54 | s IC TL064CNS |
| IC21 | 8-759-234-20 | s IC TC7S08F |
| IC22 | 8-759-926-24 | s IC SN74HC164ANS |
| IC23 | 8-759-031-84 | s IC SC7S04F |
| IC24 | 8-759-035-93 | s IC TC7S32F |
| IC25 | 8-759-035-90 | s IC SC7S02FEL |
| IC26 | 8-759-234-20 | s IC TC7S08F |
| IC27 | 8-759-234-20 | s IC TC7S08F |
| IC28 | 8-759-031-84 | s IC SC7S04F |
| IC29 | 8-759-031-84 | s IC SC7S04F |
| L1 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L2 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L3 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L4 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L5 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L6 | 1-410-381-11 | s INDUCTOR CHIP 10uH |
| L7 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L8 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L9 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L10 | 1-412-282-41 | s INDUCTOR 470uH |
| L11 | 1-410-373-31 | s INDUCTOR CHIP 2.2uH |
| L12 | 1-410-373-31 | s INDUCTOR CHIP 2.2uH |
| L13 | 1-410-373-31 | s INDUCTOR CHIP 2.2uH |
| L14 | 1-410-393-11 | s INDUCTOR CHIP 100uH |

Please see page D-13 for the part numbers of resistor that is not the parts list.

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| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| L15 | 1-410-389-31 s | INDUCTOR CHIP 47uH |
| L17 | 1-410-385-11 s | INDUCTOR, CHIP 22uH |
| Q1 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q2 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q3 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q4 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q5 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q6 | 8-729-143-07 s | TRANSISTOR 2SA1610-Y33 |
| Q7 | 8-729-143-07 s | TRANSISTOR 2SA1610-Y33 |
| Q8 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q9 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q10 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q11 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q12 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q13 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q14 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q15 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q16 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q48 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q49 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q50 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q51 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q52 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q53 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q54 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q55 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q56 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q57 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q58 | 8-729-142-90 s | TRANSISTOR 2SK853-K5 |
| Q59 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q61 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q62 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q63 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q64 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q65 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q66 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q67 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q68 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q69 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q70 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q71 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q72 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q73 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q74 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q75 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q76 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q78 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q79 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q80 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q81 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q82 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q83 | 8-729-142-90 s | TRANSISTOR 2SK853-K5 |
| Q84 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q85 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q86 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q87 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q88 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q90 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |

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| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|------------------------------|
| Q91 | 8-729-807-51 s | TRANSISTOR 2SD1623-S |
| Q92 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| Q93 | 8-729-807-51 s | TRANSISTOR 2SD1623-S |
| Q94 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q95 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q96 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q97 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q100 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| R3 | 1-216-824-11 s | METAL, CHIP 1.8K 5% 1/16W |
| R6 | 1-216-854-11 s | METAL, CHIP 560K 5% 1/16W |
| R7 | 1-218-851-11 s | METAL, CHIP 1.5K 0.50% 1/16W |
| R8 | 1-216-824-11 s | METAL, CHIP 1.8K 5% 1/16W |
| R9 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R10 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R11 | 1-216-827-11 s | METAL, CHIP 3.3K 5% 1/16W |
| R14 | 1-216-823-11 s | METAL, CHIP 1.5K 5% 1/16W |
| R15 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R16 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R17 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R18 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R19 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R20 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R21 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R22 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R23 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R24 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R25 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R26 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R27 | 1-216-797-11 s | METAL, CHIP 10 5% 1/16W |
| R28 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R29 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R30 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R31 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R32 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R33 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R34 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R35 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R36 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R37 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R38 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R41 | 1-216-837-11 s | METAL, CHIP 22K 5% 1/16W |
| R42 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R43 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R47 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R49 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R50 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R51 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R54 | 1-216-823-11 s | METAL, CHIP 1.5K 5% 1/16W |
| R56 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R58 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R59 | 1-216-797-11 s | METAL, CHIP 10 5% 1/16W |
| R60 | 1-211-983-11 s | METAL 39 0.50% 1/16W |
| R62 | 1-211-983-11 s | METAL 39 0.50% 1/16W |
| R63 | 1-216-822-11 s | METAL, CHIP 1.2K 5% 1/16W |
| R64 | 1-216-822-11 s | METAL, CHIP 1.2K 5% 1/16W |
| R65 | 1-216-822-11 s | METAL, CHIP 1.2K 5% 1/16W |
| R68 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R71 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |

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| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---------------------------|
| R72 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R75 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R76 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R77 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R78 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R80 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R81 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R86 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R88 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R111 | 1-216-827-11 s | METAL, CHIP 3.3K 5% 1/16W |
| R116 | 1-216-822-11 s | METAL, CHIP 1.2K 5% 1/16W |
| R117 | 1-216-818-11 s | METAL, CHIP 560 5% 1/16W |
| R118 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R119 | 1-216-822-11 s | METAL, CHIP 1.2K 5% 1/16W |
| R121 | 1-216-819-11 s | METAL, CHIP 680 5% 1/16W |
| R122 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R123 | 1-216-824-11 s | METAL, CHIP 1.8K 5% 1/16W |
| R124 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R127 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R128 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R129 | 1-216-830-11 s | METAL, CHIP 5.6K 5% 1/16W |
| R131 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R132 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R133 | 1-216-826-11 s | METAL, CHIP 2.7K 5% 1/16W |
| R141 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R145 | 1-216-845-11 s | METAL, CHIP 100K 5% 1/16W |
| R146 | 1-216-813-11 s | METAL, CHIP 220 5% 1/16W |
| R147 | 1-216-813-11 s | METAL, CHIP 220 5% 1/16W |
| R148 | 1-216-813-11 s | METAL, CHIP 220 5% 1/16W |
| R149 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R150 | 1-216-841-11 s | METAL, CHIP 47K 5% 1/16W |
| R151 | 1-216-830-11 s | METAL, CHIP 5.6K 5% 1/16W |
| R152 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R153 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R154 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R157 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R164 | 1-216-813-11 s | METAL, CHIP 220 5% 1/16W |
| R165 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R166 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R167 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R169 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R172 | 1-216-824-11 s | METAL, CHIP 1.8K 5% 1/16W |
| R174 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R176 | 1-216-830-11 s | METAL, CHIP 5.6K 5% 1/16W |
| R177 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R178 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R183 | 1-216-827-11 s | METAL, CHIP 3.3K 5% 1/16W |
| R184 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R185 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R186 | 1-216-823-11 s | METAL, CHIP 1.5K 5% 1/16W |
| R187 | 1-216-826-11 s | METAL, CHIP 2.7K 5% 1/16W |
| R191 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R192 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R193 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R196 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R201 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R202 | 1-216-817-11 s | METAL, CHIP 470 5% 1/16W |
| R203 | 1-218-866-11 s | METAL 6.2K 0.50% 1/16W |
| R204 | 1-216-811-11 s | METAL, CHIP 150 5% 1/16W |

(IE-47 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---------------------------|
| R205 | 1-216-811-11 s | METAL, CHIP 150 5% 1/16W |
| R212 | 1-216-797-11 s | METAL, CHIP 10 5% 1/16W |
| R213 | 1-216-797-11 s | METAL, CHIP 10 5% 1/16W |
| R214 | 1-218-856-11 s | METAL 2.4K 0.50% 1/16W |
| R215 | 1-218-837-11 s | METAL 390 0.50% 1/16W |
| R217 | 1-218-856-11 s | METAL 2.4K 0.50% 1/16W |
| R219 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R221 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R223 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R225 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R227 | 1-211-982-11 s | METAL 36 0.50% 1/16W |
| R228 | 1-211-982-11 s | METAL 36 0.50% 1/16W |
| R239 | 1-216-811-11 s | METAL, CHIP 150 5% 1/16W |
| R240 | 1-216-823-11 s | METAL, CHIP 1.5K 5% 1/16W |
| R251 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R264 | 1-216-821-11 s | METAL, CHIP 1K 5% 1/16W |
| R265 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R268 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R269 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R270 | 1-216-829-11 s | METAL, CHIP 4.7K 5% 1/16W |
| R272 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R273 | 1-216-817-11 s | METAL, CHIP 470 5% 1/16W |
| R276 | 1-216-809-11 s | METAL, CHIP 100 5% 1/16W |
| R277 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R278 | 1-216-797-11 s | METAL, CHIP 10 5% 1/16W |
| R279 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R284 | 1-216-825-11 s | METAL, CHIP 2.2K 5% 1/16W |
| R287 | 1-216-833-11 s | METAL, CHIP 10K 5% 1/16W |
| R288 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| RV1 | 1-241-261-41 s | RES, ADJ, METAL 1K |
| RV3 | 1-241-262-11 s | RES, ADJ, METAL 2K |
| RV4 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| RV5 | 1-241-263-11 s | RES, ADJ, METAL 5K |
| RV6 | 1-238-851-11 s | RES, ADJ, METAL 220 |
| RV7 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| RV8 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV9 | 1-238-856-11 s | RES, ADJ, METAL 10K |
| RV10 | 1-238-852-11 s | RES, ADJ, METAL 470 |
| RV11 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV12 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV13 | 1-238-853-11 s | RES, ADJ, METAL 1K |
| RV14 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| RV15 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| S1 | 1-572-272-11 s | SWITCH, SLIDE |

Please see page D-13 for the part numbers of resistor that is not the parts list.

MB-597(N)/597(P) BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| 1pc | A-8310-958-A | o MOUNTED CIRCUIT BOARD, MB-597 (N) [for DXC-637;J, DXC-637;UC] |
| 1pc | A-8310-978-A | o MOUNTED CIRCUIT BOARD, MB-597 (P) [for DXC-637P;EK] |
| 3pcs | 4-352-844-01 | s PIN, LEAD, COATING |
| 1pc | 2-280-622-01 | o SUPPORT (M3), HEXAGON |
| 1pc | 7-682-544-04 | s SCREW +B 3X3 |
| C1 | 1-135-166-21 | s TANTALUM, CHIP 47uF 10% 10V |
| C3 | 1-135-227-11 | s TANTAL 100uF 10% 6.3V |
| C4 | 1-135-181-21 | s TANTALUM, CHIP 4.7uF 10% 6.3V |
| C5 | 1-135-181-21 | s TANTALUM, CHIP 4.7uF 10% 6.3V |
| C6 | 1-135-227-11 | s TANTAL 100uF 10% 6.3V |
| C7 | 1-104-911-11 | s TANTALUM 33uF 20% 10V |
| C8 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C9 | 1-104-911-11 | s TANTALUM 33uF 20% 10V |
| C10 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C11 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C12 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C13 | 1-104-911-11 | s TANTALUM 33uF 20% 10V |
| C14 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C15 | 1-162-966-11 | s CERAMIC, CHIP 0.0022uF 10% 50V |
| C16 | 1-162-966-11 | s CERAMIC, CHIP 0.0022uF 10% 50V |
| C17 | 1-162-966-11 | s CERAMIC, CHIP 0.0022uF 10% 50V |
| C20 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C21 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C22 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C23 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C24 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C25 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C26 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C27 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C28 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C29 | 1-164-373-11 | s CERAMIC 0.033uF 25V |
| C30 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C31 | 1-162-959-11 | s CERAMIC 330PF 5% 50V [for DXC-637P;EK] |
| C32 | 1-164-315-11 | s CERAMIC 470PF 5% 50V [for DXC-637P;EK] |
| C33 | 1-164-156-11 | s CERAMIC 0.1uF 25V [for DXC-637P;EK] |
| C34 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C35 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C36 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C37 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C38 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C39 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C40 | 1-164-218-11 | s CERAMIC 180PF 5% 50V |
| C41 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C42 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C43 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C44 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C45 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C46 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C47 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C48 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C49 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C50 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C51 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C52 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C53 | 1-162-974-11 | s CERAMIC 0.01uF 50V |

(MB-597(N)/597(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---|
| C54 | 1-162-964-11 | s CERAMIC 0.001uF 10% 50V |
| C55 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C56 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C57 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C58 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C59 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C60 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C61 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C62 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C63 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C64 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C65 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C66 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C67 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C68 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C73 | 1-104-478-11 | s TANTALUM 10uF 20% 35V |
| C74 | 1-104-478-11 | s TANTALUM 10uF 20% 35V |
| C79 | 1-104-478-11 | s TANTALUM 10uF 20% 35V |
| C80 | 1-104-478-11 | s TANTALUM 10uF 20% 35V |
| C85 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C86 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C87 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C88 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C89 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C90 | 1-135-166-21 | s TANTALUM, CHIP 47uF 10% 10V |
| C91 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C92 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C93 | 1-104-478-11 | s TANTALUM 10uF 20% 35V |
| C94 | 1-135-179-21 | s TANTAL 2.2uF 10% 16V |
| C95 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C96 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C97 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C98 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C101 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C102 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C103 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C104 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C105 | 1-135-166-21 | s TANTALUM, CHIP 47uF 10% 10V |
| C106 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C107 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C108 | 1-135-214-21 | s TANTAL 4.7uF 20% 20V |
| C109 | 1-135-164-21 | s TANTALUM, CHIP 22uF 20% 10V |
| C110 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C111 | 1-104-823-11 | s TANTALUM 47uF 20% 16V |
| C112 | 1-107-686-11 | s TANTALUM 4.7uF 20% 16V |
| C113 | 1-107-686-11 | s TANTALUM 4.7uF 20% 16V |
| C114 | 1-135-166-21 | s TANTALUM, CHIP 47uF 10% 10V |
| C115 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V |
| C117 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C150 | 1-135-227-11 | s TANTAL 100uF 10% 6.3V |
| C151 | 1-135-227-11 | s TANTAL 100uF 10% 6.3V |
| C152 | 1-104-543-11 | s FILM 0.0022uF 5% 50V |
| C153 | 1-162-974-11 | s CERAMIC 0.01uF 50V [for DXC-637P;EK] |
| C154 | 1-161-051-00 | s CERAMIC 0.01uF 10% 50V [for DXC-637P;EK] |
| CN1 | 1-506-473-11 | o CONNECTOR, 8P, MALE |
| CN2 | 1-573-806-21 | s PIN, CONNECTOR 6P |
| CN3 | 1-766-183-11 | o HOUSING, 24P |

(MB-597(N)/597(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| CN4 | 1-506-473-11 | s CONNECTOR, 8P, MALE |
| CN5 | 1-564-002-11 | s PIN, CONNECTOR 3P |
| CN7 | 1-691-855-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN8 | 1-691-855-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN9 | 1-691-855-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN10 | 1-562-728-11 | o CONNECTOR, MULTI 50P |
| CN11 | 1-564-011-11 | o CONNECTOR, 12P, MALE |
| CN13 | 1-770-580-11 | o SOCKET, CONNECTOR 26P |
| CN14 | 1-691-552-11 | s CONNECTOR, 48P |
| CN16 | 1-506-467-11 | s CONNECTOR, 2P, MALE |
| CN17 | 1-564-001-11 | o CONNECTOR, 2P, MALE |
| CN18 | 1-506-467-11 | s CONNECTOR, 2P, MALE |
| CN19 | 1-568-353-21 | o CONNECTOR, 6P |
| CN20 | 1-506-467-11 | s CONNECTOR, 2P, MALE |
| CP1 | 1-760-278-11 | s CRYSTAL 28.63636MHz [for DXC-637;J, DXC-637;UC] |
| CP1 | 1-760-647-11 | s CRYSTAL 29.5MHz [for DXC-637P;EK] |
| D1 | 8-719-911-55 | s DIODE U05G |
| D5 | 8-719-104-34 | s DIODE 1S2836 |
| D6 | 8-719-104-34 | s DIODE 1S2836 |
| D7 | 8-719-024-81 | s DIODE 1SS300-TE85L |
| D8 | 8-719-024-81 | s DIODE 1SS300-TE85L |
| D9 | 8-719-024-81 | s DIODE 1SS300-TE85L |
| D12 | 8-719-938-78 | s DIODE SB10-05PCP |
| D13 | 8-719-938-78 | s DIODE SB10-05PCP |
| D14 | 8-719-801-78 | s DIODE 1SS184 |
| D15 | 8-719-104-34 | s DIODE 1S2836 |
| D16 | 8-719-157-20 | s DIODE RD4.3M-B |
| FB1 | 1-543-775-11 | s FILTER, EMI |
| FB2 | 1-543-775-11 | s FILTER, EMI |
| FB3 | 1-543-775-11 | s FILTER, EMI |
| FB4 | 1-543-775-11 | s FILTER, EMI |
| FB5 | 1-543-775-11 | s FILTER, EMI |
| FB6 | 1-543-775-11 | s FILTER, EMI |
| FB7 | 1-543-775-11 | s FILTER, EMI |
| FB8 | 1-543-775-11 | s FILTER, EMI |
| FB9 | 1-543-775-11 | s FILTER, EMI |
| FB10 | 1-543-775-11 | s FILTER, EMI |
| FB11 | 1-543-775-11 | s FILTER, EMI |
| FB12 | 1-543-775-11 | s FILTER, EMI |
| FB13 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB15 | 1-543-775-11 | s FILTER, EMI |
| FB16 | 1-543-775-11 | s FILTER, EMI |
| FB17 | 1-543-775-11 | s FILTER, EMI |
| FB18 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB22 | 1-543-775-11 | s FILTER, EMI |
| FB23 | 1-543-775-11 | s FILTER, EMI |
| FB24 | 1-543-775-11 | s FILTER, EMI |
| FB25 | 1-543-775-11 | s FILTER, EMI |
| FB26 | 1-543-775-11 | s FILTER, EMI |
| FB27 | 1-543-775-11 | s FILTER, EMI |
| FB28 | 1-543-775-11 | s FILTER, EMI |
| FB29 | 1-543-775-11 | s FILTER, EMI |
| FB30 | 1-543-775-11 | s FILTER, EMI |
| FB31 | 1-543-775-11 | s FILTER, EMI |
| FB32 | 1-543-775-11 | s FILTER, EMI |
| FB33 | 1-543-775-11 | s FILTER, EMI |
| FB35 | 1-543-775-11 | s FILTER, EMI |

(MB-597(N)/597(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---|
| FB36 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB37 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB38 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB39 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FB40 | 1-412-364-11 | s INDUCTOR CHIP 0uH |
| FL1 | 1-236-164-11 | s ENCAPSULATED COMPONENT |
| FL2 | 1-239-077-11 | s FILTER, EMI |
| FL3 | 1-239-077-11 | s FILTER, EMI |
| IC1 | 8-752-055-95 | s IC CXA1409AQ |
| IC2 | 8-759-635-27 | s IC M62352GP |
| IC3 | 8-759-082-58 | s IC TC7W08FU |
| IC4 | 8-759-058-62 | s IC TC7S08FU(TE85R) |
| IC10 | 8-759-058-62 | s IC TC7S08FU(TE85R) [for DXC-637;J, DXC-637;UC] |
| IC10 | 8-759-058-54 | s IC TC7S00FU(TE85R) [for DXC-637P;EK] |
| IC11 | 8-759-082-58 | s IC TC7W08FU |
| IC12 | 8-759-082-58 | s IC TC7W08FU |
| IC15 | 8-759-337-17 | o IC CY7C291A-50SC-DXC637 V1.00 |
| IC17 | 8-752-326-69 | s IC CXD1035BQ-Z |
| IC18 | 8-759-196-96 | s IC TC7SH08FU |
| IC20 | 8-759-082-58 | s IC TC7W08FU |
| IC22 | 8-759-196-97 | s IC TC7SH32FU |
| IC23 | 8-759-079-66 | s IC TC74VHC123AFS(EL) [for DXC-637P;EK] |
| IC24 | 8-759-058-64 | s IC TC7S32FU(TE85R) [for DXC-637P;EK] |
| IC25 | 8-759-073-52 | s IC TC74AC04F-EL |
| IC26 | 8-759-073-52 | s IC TC74AC04F-EL |
| IC27 | 8-759-073-52 | s IC TC74AC04F-EL |
| IC28 | 8-759-076-06 | s IC TL064CPW |
| IC29 | 8-759-172-33 | s IC UPD16502GS(1) |
| IC30 | 8-759-172-33 | s IC UPD16502GS(1) |
| IC31 | 8-759-172-33 | s IC UPD16502GS(1) |
| IC32 | 8-759-049-98 | s IC SN74HC74APW-E05 |
| IC33 | 8-759-058-62 | s IC TC7S08FU(TE85R) |
| IC35 | 8-759-082-58 | s IC TC7W08FU |
| IC36 | 8-759-196-96 | s IC TC7SH08FU |
| L1 | 1-412-026-11 | s INDUCTOR CHIP 1uH |
| L2 | 1-412-026-11 | s INDUCTOR CHIP 1uH |
| L3 | 1-412-026-11 | s INDUCTOR CHIP 1uH |
| L4 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L5 | 1-410-658-31 | s INDUCTOR CHIP 220uH |
| L10 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L11 | 1-412-282-41 | s INDUCTOR 470uH |
| L12 | 1-410-393-11 | s INDUCTOR CHIP 100uH |
| Q1 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q2 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q3 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q4 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q5 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q6 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q7 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q8 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q9 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q20 | 8-729-216-22 | s TRANSISTOR 2SA1162 |
| Q21 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q22 | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35 |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(MB-597(N)/597(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|----------------------------|
| Q23 | 8-729-112-65 s | TRANSISTOR 2SA1462 |
| Q24 | 8-729-112-65 s | TRANSISTOR 2SA1462 |
| Q25 | 8-729-140-47 s | TRANSISTOR 2SC3735-T2B-B35 |
| Q26 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q27 | 8-729-216-22 s | TRANSISTOR 2SA1162 |
| Q28 | 8-729-216-22 s | TRANSISTOR 2SA1162 |
| Q29 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q35 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| Q36 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q37 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q38 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q39 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q40 | 8-729-101-07 s | TRANSISTOR 2SB798 |
| Q41 | 8-729-807-51 s | TRANSISTOR 2SD1623-S |
| Q42 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q43 | 8-729-143-07 s | TRANSISTOR 2SA1610-Y33 |
| Q44 | 8-729-143-13 s | TRANSISTOR 2SC4176-B34 |
| Q45 | 8-729-143-07 s | TRANSISTOR 2SA1610-Y33 |
| R14 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R15 | 1-211-990-11 s | METAL 75 0.50% 1/16W |
| R16 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R24 | 1-218-870-11 s | METAL 9.1K 0.50% 1/16W |
| R25 | 1-218-873-11 s | METAL 12K 0.50% 1/16W |
| R26 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R33 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R65 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R67 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R68 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R70 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R71 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R72 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R73 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R76 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| [for DXC-637P;EK] | | |
| R81 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R82 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R83 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R84 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R85 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R90 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R92 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R93 | 1-216-853-11 s | METAL, CHIP 470K 5% 1/16W |
| R101 | 1-211-981-11 s | METAL 33 0.50% 1/16W |
| R103 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R104 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R105 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R106 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R107 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R108 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R109 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R110 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R112 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R129 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R133 | 1-218-897-11 s | METAL 120K 0.50% 1/16W |
| R142 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R143 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R144 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R149 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R155 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |

(MB-597(N)/597(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|------------------------|
| R156 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R160 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R161 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R162 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R163 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R164 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R165 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R166 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R167 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R168 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R169 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R170 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R171 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R172 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R173 | 1-211-977-11 s | METAL 22 0.50% 1/16W |

PA-185(G) BOARD

Ref. No.

or Q'ty Part No. SP Description

| | | | |
|------|--------------|---|------------------------------|
| 1pc | 1-565-977-11 | s | CONTACT, FEMALE AWG 28-32 |
| 2pcs | 1-566-988-11 | o | HOUSING, CONNECTOR 2P |
| 1pc | 1-569-191-11 | o | CONTACT, AWG22-26 |
| 1pc | 1-569-193-11 | o | CONTACT, AWG24-30 |
| 1pc | 1-569-195-11 | s | HOUSING, CONNECTOR 2P |
| C1 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C2 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C3 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C4 | 1-162-970-11 | s | CERAMIC, CHIP 0.01uF 10% 25V |
| C5 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C6 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C7 | 1-162-959-11 | s | CERAMIC 330PF 5% 50V |
| C8 | 1-162-970-11 | s | CERAMIC, CHIP 0.01uF 10% 25V |
| C10 | 1-135-213-21 | s | TANTALUM, CHIP 3.3uF 20% 25V |
| C11 | 1-135-164-21 | s | TANTALUM, CHIP 22uF 20% 10V |
| C12 | 1-162-923-11 | s | CERAMIC, CHIP 47PF 5% 50V |
| C13 | 1-162-923-11 | s | CERAMIC, CHIP 47PF 5% 50V |
| C14 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C15 | 1-162-923-11 | s | CERAMIC, CHIP 47PF 5% 50V |
| C16 | 1-162-908-11 | s | CERAMIC 3PF 0.25PF 50V |
| C17 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C18 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C19 | 1-162-923-11 | s | CERAMIC, CHIP 47PF 5% 50V |
| C21 | 1-162-923-11 | s | CERAMIC, CHIP 47PF 5% 50V |
| C22 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C23 | 1-104-913-11 | s | TANTALUM 10uF 20% 16V |
| C24 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C26 | 1-104-913-11 | s | TANTALUM 10uF 20% 16V |
| C27 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C28 | 1-162-915-11 | s | CERAMIC, CHIP 10PF 5PF 50V |
| C29 | 1-162-908-11 | s | CERAMIC 3PF 0.25PF 50V |
| C32 | 1-162-912-11 | s | CERAMIC 7PF 0.5PF 50V |
| C33 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C34 | 1-104-917-11 | s | TANTALUM 15uF 20% 20V |
| C35 | 1-126-400-11 | s | ELECT, CHIP 22uF 20% 35V |
| C36 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C37 | 1-135-165-11 | s | TANTALUM, CHIP 33uF 10% 16V |
| C38 | 1-107-686-11 | s | TANTALUM 4.7uF 20% 16V |
| C39 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| C40 | 1-104-913-11 | s | TANTALUM 10uF 20% 16V |
| C42 | 1-164-156-11 | s | CERAMIC 0.1uF 25V |
| CN1 | 1-766-235-11 | s | HOUSING, 26P |
| D1 | 8-719-123-82 | s | DIODE 1SS303 |
| D2 | 8-719-017-42 | s | DIODE HSM88WA |
| IC2 | 8-759-287-60 | s | IC TC7SH08FU-TE85L |
| IC3 | 8-759-075-53 | s | IC LM35DM |
| IC5 | 8-759-287-60 | s | IC TC7SH08FU-TE85L |
| Q1 | 8-729-101-25 | s | TRANSISTOR 2SC1009A |
| Q3 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q4 | 8-769-401-67 | s | TRANSISTOR 3SK163-1 |
| Q5 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q6 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q7 | 8-769-401-67 | s | TRANSISTOR 3SK163-1 |
| Q8 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q9 | 8-729-117-16 | s | TRANSISTOR 2SA1611-M6 |
| Q10 | 8-769-401-67 | s | TRANSISTOR 3SK163-1 |
| Q11 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |

(PA-185(G) BOARD)

Ref. No.

or Q'ty Part No. SP Description

| | | | |
|-----|--------------|---|-------------------------|
| Q12 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q13 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q14 | 8-769-401-67 | s | TRANSISTOR 3SK163-1 |
| Q15 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q16 | 8-729-117-16 | s | TRANSISTOR 2SA1611-M6 |
| Q17 | 8-769-401-67 | s | TRANSISTOR 3SK163-1 |
| Q18 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q19 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q20 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q21 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q22 | 8-729-143-13 | s | TRANSISTOR 2SC4176-B34 |
| Q23 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q24 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q25 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q26 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q27 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q28 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q29 | 8-729-143-13 | s | TRANSISTOR 2SC4176-B34 |
| Q30 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q32 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| Q33 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q34 | 8-729-117-32 | s | TRANSISTOR 2SC4177 |
| Q35 | 8-729-143-07 | s | TRANSISTOR 2SA1610-Y33 |
| R3 | 1-218-889-11 | s | METAL 56K 0.50% 1/16W |
| R5 | 1-218-837-11 | s | METAL 390 0.50% 1/16W |
| R9 | 1-216-857-11 | s | METAL, CHIP 1M 5% 1/16W |
| R16 | 1-211-981-11 | s | METAL 33 0.50% 1/16W |
| R21 | 1-211-981-11 | s | METAL 33 0.50% 1/16W |
| R22 | 1-211-969-11 | s | METAL 10 0.50% 1/16W |
| R27 | 1-211-981-11 | s | METAL 33 0.50% 1/16W |
| R30 | 1-216-864-11 | s | METAL, CHIP 0 5% 1/16W |
| R33 | 1-211-981-11 | s | METAL 33 0.50% 1/16W |
| R37 | 1-211-981-11 | s | METAL 33 0.50% 1/16W |
| R39 | 1-218-845-11 | s | METAL 820 0.50% 1/16W |
| R43 | 1-218-845-11 | s | METAL 820 0.50% 1/16W |
| R53 | 1-216-864-11 | s | METAL, CHIP 0 5% 1/16W |
| R54 | 1-218-873-11 | s | METAL 12K 0.50% 1/16W |
| R56 | 1-218-660-91 | s | METAL 47 0.50% 1/16W |
| R57 | 1-218-899-11 | s | METAL 150K 0.50% 1/16W |
| R58 | 1-218-883-11 | s | METAL 33K 0.50% 1/16W |
| R59 | 1-218-883-11 | s | METAL 33K 0.50% 1/16W |
| R65 | 1-218-867-11 | s | METAL 6.8K 0.50% 1/16W |
| R66 | 1-218-851-11 | s | METAL 1.5K 0.50% 1/16W |
| R73 | 1-216-864-11 | s | METAL, CHIP 0 5% 1/16W |
| R77 | 1-218-881-11 | s | METAL 27K 0.50% 1/16W |
| R78 | 1-218-883-11 | s | METAL 33K 0.50% 1/16W |
| R81 | 1-218-873-11 | s | METAL 12K 0.50% 1/16W |
| R82 | 1-211-969-11 | s | METAL 10 0.50% 1/16W |
| R87 | 1-218-881-11 | s | METAL 27K 0.50% 1/16W |
| R90 | 1-218-873-11 | s | METAL 12K 0.50% 1/16W |
| RV1 | 1-237-038-11 | s | RES, ADJ, METAL 50K |
| RV2 | 1-241-263-11 | s | RES, ADJ, METALT 5K |
| W1 | 1-954-555-11 | o | HARNESS, SUB (PA185-1) |
| W2 | 1-954-558-11 | o | HARNESS, SUB (PA185-2) |

Please see page D-13 for the part numbers of resistor that is not the parts list.

PA-190(R) BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| 1pc | 1-565-977-11 | s CONTACT, FEMALE AWG 28-32 |
| 2pcs | 1-566-988-11 | o HOUSING, CONNECTOR 2P |
| 1pc | 1-569-191-11 | o CONTACT, AWG22-26 |
| 1pc | 1-569-193-11 | o CONTACT, AWG24-30 |
| 1pc | 1-569-195-31 | s HOUSING, 2P |
| C1 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C2 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C3 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C4 | 1-162-970-11 | s CERAMIC, CHIP 0.01uF 10% 25V |
| C5 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C6 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C7 | 1-162-959-11 | s CERAMIC 330PF 5% 50V |
| C8 | 1-162-970-11 | s CERAMIC, CHIP 0.01uF 10% 25V |
| C10 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C11 | 1-135-164-21 | s TANTALUM, CHIP 22uF 20% 10V |
| C12 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C13 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C14 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C15 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C16 | 1-162-905-11 | s CERAMIC 1PF 0.25PF 50V |
| C17 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C18 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C19 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C21 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C22 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C23 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C24 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C26 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C27 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C28 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C29 | 1-162-905-11 | s CERAMIC 1PF 0.25PF 50V |
| C32 | 1-162-912-11 | s CERAMIC 7PF 0.5PF 50V |
| C33 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C34 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C35 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C36 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C37 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C38 | 1-107-686-11 | s TANTALUM 4.7uF 20% 16V |
| C39 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C40 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C42 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| CN1 | 1-766-235-11 | s HOUSING, 26P |
| D1 | 8-719-123-82 | s DIODE 1SS303 |
| D2 | 8-719-017-42 | s DIODE HSM88WA |
| IC2 | 8-759-287-60 | s IC TC7SH08FU-TE85L |
| IC5 | 8-759-287-60 | s IC TC7SH08FU-TE85L |
| Q1 | 8-729-101-25 | s TRANSISTOR 2SC1009A |
| Q3 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q4 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q5 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q6 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q7 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q8 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q9 | 8-729-117-16 | s TRANSISTOR 2SA1611-M6 |
| Q10 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q11 | 8-729-117-32 | s TRANSISTOR 2SC4177 |

(PA-190(R) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------|
| Q12 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q13 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q14 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q15 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q16 | 8-729-117-16 | s TRANSISTOR 2SA1611-M6 |
| Q17 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q18 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q19 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q20 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q21 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q22 | 8-729-143-13 | s TRANSISTOR 2SC4176-B34 |
| Q23 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q24 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q25 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q26 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q27 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q28 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q29 | 8-729-143-13 | s TRANSISTOR 2SC4176-B34 |
| Q30 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q32 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q33 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q34 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q35 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| R3 | 1-218-889-11 | s METAL 56K 0.50% 1/16W |
| R5 | 1-218-837-11 | s METAL 390 0.50% 1/16W |
| R9 | 1-216-857-11 | s METAL, CHIP 1M 5% 1/16W |
| R16 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R21 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R22 | 1-211-969-11 | s METAL 10 0.50% 1/16W |
| R27 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R30 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R33 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R37 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R39 | 1-218-845-11 | s METAL 820 0.50% 1/16W |
| R43 | 1-218-845-11 | s METAL 820 0.50% 1/16W |
| R53 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R56 | 1-218-660-91 | s METAL 47 0.50% 1/16W |
| R57 | 1-218-899-11 | s METAL 150K 0.50% 1/16W |
| R58 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R59 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R65 | 1-218-867-11 | s METAL 6.8K 0.50% 1/16W |
| R66 | 1-218-851-11 | s METAL 1.5K 0.50% 1/16W |
| R73 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R77 | 1-218-881-11 | s METAL 27K 0.50% 1/16W |
| R78 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R81 | 1-218-873-11 | s METAL 12K 0.50% 1/16W |
| R82 | 1-211-969-11 | s METAL 10 0.50% 1/16W |
| R87 | 1-218-881-11 | s METAL 27K 0.50% 1/16W |
| RV1 | 1-237-038-11 | s RES, ADJ, METAL 50K |
| RV2 | 1-241-263-11 | s RES, ADJ, METAL 5K |
| W1 | 1-954-556-11 | o HARNESS, SUB (PA190-1) |
| W2 | 1-954-559-11 | o HARNESS, SUB (PA190-2) |

PA-191(B) BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| 1pc | 1-565-977-11 | s CONTACT, FEMALE AWG 28-32 |
| 2pcs | 1-566-988-11 | o HOUSING, CONNECTOR 2P |
| 1pc | 1-569-191-11 | o CONTACT, AWG22-26 |
| 1pc | 1-569-193-11 | o CONTACT, AWG24-30 |
| 1pc | 1-569-195-41 | o HOUSING, 2P |
| C1 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C2 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C3 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C4 | 1-162-970-11 | s CERAMIC, CHIP 0.01uF 10% 25V |
| C5 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C6 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C7 | 1-162-959-11 | s CERAMIC 330PF 5% 50V |
| C8 | 1-162-970-11 | s CERAMIC, CHIP 0.01uF 10% 25V |
| C10 | 1-135-213-21 | s TANTALUM, CHIP 3.3uF 20% 25V |
| C11 | 1-135-164-21 | s TANTALUM, CHIP 22uF 20% 10V |
| C12 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C13 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C14 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C15 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C17 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C18 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C19 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C21 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C22 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C23 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C24 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C26 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C27 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C28 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V |
| C32 | 1-162-912-11 | s CERAMIC 7PF 0.5PF 50V |
| C33 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C34 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C35 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C36 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C37 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C38 | 1-107-686-11 | s TANTALUM 4.7uF 20% 16V |
| C39 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C40 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C42 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| CN1 | 1-766-235-11 | s HOUSING, 26P |
| D1 | 8-719-123-82 | s DIODE 1SS303 |
| D2 | 8-719-017-42 | s DIODE HSM88WA |
| IC2 | 8-759-287-60 | s IC TC7SH08FU-TE85L |
| IC5 | 8-759-287-60 | s IC TC7SH08FU-TE85L |
| Q1 | 8-729-101-25 | s TRANSISTOR 2SC1009A |
| Q3 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q4 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q5 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q6 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q7 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q8 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q9 | 8-729-117-16 | s TRANSISTOR 2SA1611-M6 |
| Q10 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q11 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q12 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q13 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q14 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |

(PA-191(B) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------|
| Q15 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q16 | 8-729-117-16 | s TRANSISTOR 2SA1611-M6 |
| Q17 | 8-769-401-67 | s TRANSISTOR 3SK163-1 |
| Q18 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q19 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q20 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q21 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q22 | 8-729-143-13 | s TRANSISTOR 2SC4176-B34 |
| Q23 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q24 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q25 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q26 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q27 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q28 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q29 | 8-729-143-13 | s TRANSISTOR 2SC4176-B34 |
| Q30 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q32 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q33 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q34 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q35 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| R3 | 1-218-889-11 | s METAL 56K 0.50% 1/16W |
| R5 | 1-218-837-11 | s METAL 390 0.50% 1/16W |
| R9 | 1-216-857-11 | s METAL, CHIP 1M 5% 1/16W |
| R16 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R21 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R22 | 1-211-969-11 | s METAL 10 0.50% 1/16W |
| R27 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R30 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R33 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R37 | 1-211-981-11 | s METAL 33 0.50% 1/16W |
| R39 | 1-218-845-11 | s METAL 820 0.50% 1/16W |
| R43 | 1-218-845-11 | s METAL 820 0.50% 1/16W |
| R53 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R56 | 1-218-660-91 | s METAL 47 0.50% 1/16W |
| R57 | 1-218-899-11 | s METAL 150K 0.50% 1/16W |
| R58 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R59 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R65 | 1-218-867-11 | s METAL 6.8K 0.50% 1/16W |
| R66 | 1-218-851-11 | s METAL 1.5K 0.50% 1/16W |
| R73 | 1-216-864-11 | s METAL, CHIP 0 5% 1/16W |
| R77 | 1-218-881-11 | s METAL 27K 0.50% 1/16W |
| R78 | 1-218-883-11 | s METAL 33K 0.50% 1/16W |
| R81 | 1-218-873-11 | s METAL 12K 0.50% 1/16W |
| R82 | 1-211-969-11 | s METAL 10 0.50% 1/16W |
| R87 | 1-218-881-11 | s METAL 27K 0.50% 1/16W |
| RV1 | 1-237-038-11 | s RES, ADJ, METAL 50K |
| RV2 | 1-241-263-11 | s RES, ADJ, METAL 5K |
| W1 | 1-954-557-11 | o HARNESS, SUB (PA191-1) |
| W2 | 1-954-560-11 | o HARNESS, SUB (PA191-2) |

Please see page D-13 for the part numbers of resistor that is not the parts list.

PR-209 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---|
| 1pc | A-8310-968-A | o MOUNTED CIRCUIT BOARD, PR-209 [for DXC-637;J, DXC-637P;EK] |
| 1pc | A-8310-954-A | o MOUNTED CIRCUIT BOARD, PR-209 [for DXC-637;UC] |
| 2pcs | 7-627-554-27 | s SCREW, PRECITION +P 2X6 TYPE1 |
| 1pc | 3-699-005-01 | o SUPPORT, TG-18 |
| 1pc | 7-621-772-18 | s SCREW +B 2X4 |
| C1 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C2 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C3 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C4 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C5 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C6 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C7 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C8 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C9 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C10 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C11 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C12 | 1-107-689-21 | s TANTALUM 1uF 20% 35V |
| C13 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C14 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C15 | 1-104-752-11 | s TANTALUM 33uF 20% 6.3V |
| C101 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C102 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C103 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C104 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C105 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C106 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C107 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C108 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C109 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C110 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C111 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C112 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C113 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C115 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C117 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C118 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C119 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C120 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C121 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C123 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C124 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C125 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C126 | 1-164-315-11 | s CERAMIC 470PF 5% 50V |
| C127 | 1-104-563-11 | s FILM, CHIP 0.1uF 5% 16V |
| C201 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C202 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C203 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C204 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C205 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C206 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C207 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C208 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C209 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C210 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C211 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C212 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C213 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C215 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C217 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C218 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C219 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C220 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C221 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C223 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C224 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C225 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C226 | 1-164-315-11 | s CERAMIC 470PF 5% 50V |
| C227 | 1-104-563-11 | s FILM, CHIP 0.1uF 5% 16V |
| C301 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C302 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C303 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C304 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C305 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C306 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C307 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C308 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C309 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C310 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C311 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C312 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C313 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C314 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C316 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C318 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C319 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C320 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C321 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C322 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V |
| C324 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C325 | 1-135-072-21 | s TANTALUM, CHIP 0.22uF 10% 35V |
| C326 | 1-164-315-11 | s CERAMIC 470PF 5% 50V |
| C327 | 1-104-563-11 | s FILM, CHIP 0.1uF 5% 16V |
| C401 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C402 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C403 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C404 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C405 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C406 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C407 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C408 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C409 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C410 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C411 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C412 | 1-162-924-11 | s CERAMIC 56PF 5% 50V |
| C413 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C414 | 1-165-176-11 | s CERAMIC 0.047uF 10% 16V |
| C415 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C416 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C417 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C418 | 1-162-920-11 | s CERAMIC, CHIP 27PF 5% 50V |
| C501 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C502 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C503 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C504 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C505 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C506 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C507 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C508 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C509 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C510 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C511 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C512 | 1-162-924-11 | s CERAMIC 56PF 5% 50V |
| C513 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C514 | 1-165-176-11 | s CERAMIC 0.047uF 10% 16V |
| C515 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C516 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C517 | 1-162-920-11 | s CERAMIC, CHIP 27PF 5% 50V |
| C601 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C602 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C603 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C604 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C605 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C606 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C607 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C608 | 1-104-917-11 | s TANTALUM 15uF 20% 20V |
| C609 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C610 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C611 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C612 | 1-107-685-11 | s TANTALUM 15uF 20% 6.3V |
| C613 | 1-162-924-11 | s CERAMIC 56PF 5% 50V |
| C614 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C615 | 1-165-176-11 | s CERAMIC 0.047uF 10% 16V |
| C616 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C617 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C618 | 1-162-920-11 | s CERAMIC, CHIP 27PF 5% 50V |
| CN1 | 1-691-856-11 | s CONNECTOR, BOARD TO BOARD 60P |
| CN2 | 1-770-582-11 | o CONNECTOR 30P |
| D1 | 8-719-157-20 | s DIODE RD4.3M-B |
| D2 | 8-719-157-20 | s DIODE RD4.3M-B |
| D401 | 8-719-947-01 | s DIODE FMP1 |
| D501 | 8-719-947-01 | s DIODE FMP1 |
| D601 | 8-719-404-35 | s DIODE MA141WK |
| D602 | 8-719-947-01 | s DIODE FMP1 |
| DL401 | 1-406-727-21 | s DELAY LINE, LC (165NS) |
| DL501 | 1-406-727-21 | s DELAY LINE, LC (165NS) |
| DL601 | 1-406-727-21 | s DELAY LINE, LC (165NS) |
| FL101 | 1-233-342-11 | s FILTER, TRAP |
| FL201 | 1-233-342-11 | s FILTER, TRAP |
| FL301 | 1-233-342-11 | s FILTER, TRAP |
| IC1 | 8-759-031-84 | s IC SC7S04F |
| IC2 | 8-759-234-20 | s IC TC7S08F |
| IC3 | 8-759-031-84 | s IC SC7S04F |
| IC5 | 8-759-076-06 | s IC TL064CPW |
| IC101 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC102 | 8-752-068-64 | s IC CXA1486Q |
| IC103 | 8-759-076-06 | s IC TL064CPW |
| IC104 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC105 | 8-759-635-27 | s IC M62352GP |
| IC201 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC202 | 8-752-068-64 | s IC CXA1486Q |
| IC203 | 8-759-076-06 | s IC TL064CPW |
| IC204 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC205 | 8-759-635-27 | s IC M62352GP |

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------|
| IC301 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC302 | 8-752-068-64 | s IC CXA1486Q |
| IC303 | 8-759-234-20 | s IC TC7S08F |
| IC304 | 8-759-076-06 | s IC TL064CPW |
| IC305 | 8-759-066-59 | s IC TC74HC4053AFS |
| IC306 | 8-759-635-27 | s IC M62352GP |
| IC307 | 8-759-038-46 | s IC SC7S00F |
| IC401 | 8-759-089-61 | s IC TC74HC4052AFS(EL) |
| IC402 | 8-759-906-53 | s IC TL062CPS |
| IC501 | 8-759-089-61 | s IC TC74HC4052AFS(EL) |
| IC502 | 8-759-906-53 | s IC TL062CPS |
| IC601 | 8-759-089-61 | s IC TC74HC4052AFS(EL) |
| IC602 | 8-759-906-53 | s IC TL062CPS |
| L101 | 1-410-380-31 | s INDUCTOR CHIP 8.2uH |
| L102 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L201 | 1-410-380-31 | s INDUCTOR CHIP 8.2uH |
| L301 | 1-410-380-31 | s INDUCTOR CHIP 8.2uH |
| Q1 | 8-729-101-07 | s TRANSISTOR 2SB798 |
| Q2 | 8-729-807-51 | s TRANSISTOR 2SD1623-S |
| Q3 | 8-729-101-07 | s TRANSISTOR 2SB798 |
| Q4 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q5 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q6 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q101 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q102 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q103 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q201 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q202 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q203 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q301 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q302 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q303 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q304 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q401 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q402 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q403 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q404 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q405 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q406 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q407 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q408 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q409 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q410 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q411 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q412 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q413 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q414 | 8-729-142-90 | s TRANSISTOR 2SK853-K5 |
| Q415 | 8-729-402-78 | s TRANSISTOR XN6401 |
| Q416 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q501 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q502 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q503 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q504 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q505 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q506 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q507 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q508 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q509 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--|
| Q510 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q511 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q512 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q513 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q514 | 8-729-142-90 s | TRANSISTOR 2SK853-K5 |
| Q515 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q516 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q601 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q602 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q603 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q604 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q605 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q606 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q607 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q608 | 8-729-402-19 s | TRANSISTOR XN6501 |
| Q609 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q610 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q611 | 8-729-905-24 s | TRANSISTOR 2SA1576S |
| Q612 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q613 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| Q614 | 8-729-142-90 s | TRANSISTOR 2SK853-K5 |
| Q615 | 8-729-402-78 s | TRANSISTOR XN6401 |
| Q616 | 8-729-120-28 s | TRANSISTOR 2SC1623-L5L6 |
| R16 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R17 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R19 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R26 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R31 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R33 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R35 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R102 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R111 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R152 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R202 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R211 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R305 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R314 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R408 | 1-218-858-11 s | METAL 3K 0.50% 1/16W |
| R410 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R417 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R418 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R419 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W [for DXC-637;UC] |
| R421 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R423 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R424 | 1-218-841-11 s | METAL 560 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R425 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R426 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R427 | 1-218-856-11 s | METAL 2.4K 0.50% 1/16W |
| R430 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R431 | 1-218-856-11 s | METAL 2.4K 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R433 | 1-218-870-11 s | METAL 9.1K 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R452 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R455 | 1-218-660-91 s | METAL 47 0.50% 1/16W |
| R456 | 1-218-846-11 s | METAL 910 0.50% 1/16W |
| R458 | 1-211-983-11 s | METAL 39 0.50% 1/16W |

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--|
| R460 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R461 | 1-211-981-11 s | METAL 33 0.50% 1/16W |
| R463 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R464 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R465 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R467 | 1-218-848-11 s | METAL 1.1K 0.50% 1/16W |
| R478 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R483 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R490 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R507 | 1-218-858-11 s | METAL 3K 0.50% 1/16W |
| R509 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R516 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R517 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R518 | 1-218-870-11 s | METAL 9.1K 0.50% 1/16W [for DXC-637;UC] |
| R520 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R522 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R524 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R525 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R530 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R530 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637;UC] |
| R531 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R532 | 1-218-870-11 s | METAL 9.1K 0.50% 1/16W |
| R533 | 1-218-841-11 s | METAL 560 0.50% 1/16W [for DXC-637;UC] |
| R547 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R550 | 1-218-660-91 s | METAL 47 0.50% 1/16W |
| R551 | 1-218-846-11 s | METAL 910 0.50% 1/16W |
| R553 | 1-211-983-11 s | METAL 39 0.50% 1/16W |
| R555 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R556 | 1-211-981-11 s | METAL 33 0.50% 1/16W |
| R558 | 1-211-969-11 s | METAL 10 0.50% 1/16W |
| R559 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R560 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R562 | 1-218-848-11 s | METAL 1.1K 0.50% 1/16W |
| R565 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R566 | 1-218-881-11 s | METAL 27K 0.50% 1/16W |
| R574 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R579 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R581 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R607 | 1-218-858-11 s | METAL 3K 0.50% 1/16W |
| R609 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R618 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R619 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R622 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R624 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R626 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R627 | 1-216-864-11 s | METAL, CHIP 0.5% 1/16W |
| R632 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637;J, DXC-637P;EK] |
| R650 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R653 | 1-218-660-91 s | METAL 47 0.50% 1/16W |
| R654 | 1-218-846-11 s | METAL 910 0.50% 1/16W |
| R656 | 1-211-983-11 s | METAL 39 0.50% 1/16W |
| R658 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R659 | 1-211-981-11 s | METAL 33 0.50% 1/16W |
| R661 | 1-211-969-11 s | METAL 10 0.50% 1/16W |

(PR-209 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|------------------------|
| R662 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R663 | 1-218-844-11 s | METAL 750 0.50% 1/16W |
| R665 | 1-218-848-11 s | METAL 1.1K 0.50% 1/16W |
| R675 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R681 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R683 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R999 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| RV101 | 1-241-264-11 s | RES, ADJ, METALT 10K |
| RV103 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV201 | 1-241-264-11 s | RES, ADJ, METALT 10K |
| RV202 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV301 | 1-241-264-11 s | RES, ADJ, METALT 10K |
| RV302 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV401 | 1-238-852-11 s | RES, ADJ METAL 470 |
| RV404 | 1-238-853-11 s | RES, ADJ, METAL 1K |
| RV405 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV406 | 1-241-266-11 s | RES, ADJ, METAL 50K |
| RV407 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| RV501 | 1-238-852-11 s | RES, ADJ METAL 470 |
| RV504 | 1-238-853-11 s | RES, ADJ, METAL 1K |
| RV505 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV506 | 1-241-266-11 s | RES, ADJ, METAL 50K |
| RV601 | 1-238-852-11 s | RES, ADJ METAL 470 |
| RV604 | 1-238-853-11 s | RES, ADJ, METAL 1K |
| RV605 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV606 | 1-241-266-11 s | RES, ADJ, METAL 50K |
| S301 | 1-571-275-31 s | SWITCH, SLIDE |
| S401 | 1-571-275-31 s | SWITCH, SLIDE |
| S501 | 1-571-275-31 s | SWITCH, SLIDE |
| S601 | 1-571-275-31 s | SWITCH, SLIDE |
| S602 | 1-571-275-31 s | SWITCH, SLIDE |

PSW-30 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|--------------------------------|
| 1pc | A-8310-950-A o | MOUNTED CIRCUIT BOARD, PSW-30 |
| 1pc | 1-506-859-11 s | HOUSING, BOARD IN CONNECTOR 8P |
| C1 | 1-126-941-11 s | ELECT 470uF 20% 25V |
| CB1 | 1-532-681-00 s | CIRCUIT BREAKER 4A 125V |
| R1 | 1-215-425-00 s | METAL 1.5K 1% 1/6W |
| R2 | 1-215-373-31 s | METAL 10 1% 1/6W |
| S1 | 1-762-348-11 s | SWITCH, TOGGLE |
| S2 | 1-762-347-11 s | SWITCH, TOGGLE |
| W1 | 1-954-553-11 o | HARNESS, SUB (SW-2) |

SE-234 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------------|
| 1pc | A-8310-946-A o | MOUNTED CIRCUIT BOARD, SE-234 |
| CN1 | 1-573-806-21 s | PIN, CONNECTOR 6P |
| PH1 | 8-749-925-05 s | REFLECTOR NJL5183KA-F20-TE1 |
| PH2 | 8-749-925-05 s | REFLECTOR NJL5183KA-F20-TE1 |

SG-232(N)/232(P) BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| 1pc | A-8310-957-A | o MOUNTED CIRCUIT BOARD, SG-232 (N) [for DXC-637;J, DXC-637;UC] |
| 1pc | A-8310-977-A | o MOUNTED CIRCUIT BOARD, SG-232 (P) [for DXC-637P;EK] |
| C1 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C2 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C3 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C4 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V |
| C5 | 1-128-453-21 | s ELECT 47uF 20% 6.3V |
| C6 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C7 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V |
| C8 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C9 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C10 | 1-135-165-11 | s TANTALUM, CHIP 33uF 10% 16V |
| C11 | 1-162-925-11 | s CERAMIC, CHIP 68PF 5% 50V [for DXC-637;J, DXC-637;UC] |
| C11 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V [for DXC-637P;EK] |
| C12 | 1-135-073-00 | s TANTALUM, CHIP 0.33uF 10% 35V |
| C13 | 1-162-922-11 | s CERAMIC, CHIP 39PF 5% 50V |
| C14 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C15 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C16 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C17 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C18 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C19 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C20 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C21 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C22 | 1-135-210-11 | s TANTALUM 4.7uF 10% 10V |
| C23 | 1-135-166-21 | s TANTALUM, CHIP 47uF 10% 10V |
| C24 | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V |
| C25 | 1-162-917-11 | s CERAMIC, CHIP 15PF 5% 50V |
| C26 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C27 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C28 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C29 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C30 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C31 | 1-135-091-91 | s TANTALUM 1uF 20% 16V |
| C32 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C33 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C34 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C35 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C36 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C37 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C38 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C39 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C40 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C41 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C46 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V [for DXC-637P;EK] |
| C47 | 1-162-923-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C48 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C49 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C50 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C51 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C52 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C53 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C54 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C55 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |

(SG-232(N)/232(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| C56 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C57 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C58 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C59 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V |
| C60 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C61 | 1-164-363-11 | s CERAMIC 560PF 5% 50V |
| C62 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C63 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C64 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C65 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C66 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C67 | 1-162-919-11 | s CERAMIC, CHIP 22PF 5% 50V [for DXC-637;J, DXC-637;UC] |
| C67 | 1-162-918-11 | s CERAMIC, CHIP 18PF 5% 50V [for DXC-637P;EK] |
| C68 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C69 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C70 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C71 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C72 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C73 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C74 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C75 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C76 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C77 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C78 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C79 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |
| C80 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |
| C81 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C82 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C83 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C84 | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V |
| C85 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C86 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V [for DXC-637;J, DXC-637;UC] |
| C86 | 1-162-925-11 | s CERAMIC, CHIP 68PF 5% 50V [for DXC-637P;EK] |
| C87 | 1-162-925-11 | s CERAMIC, CHIP 68PF 5% 50V |
| C88 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |
| C89 | 1-162-921-11 | s CERAMIC, CHIP 33PF 5% 50V |
| C90 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C91 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C92 | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V |
| C93 | 1-162-927-11 | s CERAMIC, CHIP 100PF 5% 50V |
| C94 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C95 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C96 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C97 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C98 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C99 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V [for DXC-637P;EK] |
| C100 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C101 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C102 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C103 | 1-162-974-11 | s CERAMIC 0.01uF 50V |
| C104 | 1-162-911-11 | s CERAMIC, CHIP 6PF 50V [for DXC-637;J, DXC-637;UC] |
| C104 | 1-162-915-11 | s CERAMIC, CHIP 10PF 5PF 50V [for DXC-637P;EK] |
| C105 | 1-164-156-11 | s CERAMIC 0.1uF 25V |

(SG-232(N)/232(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---|
| C106 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C107 | 1-126-393-11 | s ELECT 33uF 20% 10V |
| C108 | 1-162-909-11 | s CERAMIC 4PF 0.25PF 50V |
| C109 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| C110 | 1-135-180-21 | s TANTALUM, CHIP 3.3uF 20% 6.3V |
| C111 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C112 | 1-164-156-11 | s CERAMIC 0.1uF 25V |
| CN1 | 1-770-581-11 | o CONNECTOR 30P |
| CP1 | 1-760-267-11 | s CRYSTAL 14.31831MHz [for DXC-637;J, DXC-637;UC] |
| CP1 | 1-760-269-11 | s CRYSTAL 17.734475MHz [for DXC-637P;EK] |
| D1 | 8-719-404-35 | s DIODE MA141WK |
| D2 | 8-719-404-35 | s DIODE MA141WK |
| D3 | 8-719-404-35 | s DIODE MA141WK |
| D4 | 8-719-404-35 | s DIODE MA141WK |
| D5 | 8-719-800-76 | s DIODE 1SS226 |
| FL1 | 1-402-647-11 | s DELAY LINE (90°) (NTSC) [for DXC-637;J, DXC-637;UC] |
| FL1 | 1-402-646-21 | s DELAY LINE (PAL) [for DXC-637P;EK] |
| FL2 | 1-239-379-21 | s FILTER, BANDPASS 3.58MHz [for DXC-637;J, DXC-637;UC] |
| FL2 | 1-239-380-11 | s FILTER, BANDPASS [for DXC-637P;EK] |
| IC1 | 8-759-101-12 | s IC UPC311G2 |
| IC2 | 8-759-031-84 | s IC SC7S04F |
| IC3 | 8-752-335-47 | s IC CXD1216M |
| IC4 | 8-759-234-77 | s IC TC4S66F |
| IC5 | 8-759-100-94 | s IC UPC358G2 |
| IC6 | 8-759-082-61 | s IC TC4W53FU |
| IC7 | 8-752-341-58 | s IC CXD1217Q |
| IC8 | 8-759-209-15 | s IC TC4SU69F [for DXC-637P;EK] |
| IC9 | 8-759-031-84 | s IC SC7S04F |
| IC10 | 8-759-082-61 | s IC TC4W53FU |
| IC11 | 8-759-100-94 | s IC UPC358G2 |
| IC12 | 8-759-902-88 | s IC SN74LS123NS |
| IC13 | 8-759-082-61 | s IC TC4W53FU |
| IC14 | 8-759-180-08 | s IC TC74HC4538AFS |
| IC15 | 8-759-112-66 | s IC UPC812G2 |
| IC16 | 8-759-049-55 | s IC SN74HC00APW-E05 |
| IC17 | 8-759-031-84 | s IC SC7S04F |
| IC18 | 8-759-906-59 | s IC CX22017 |
| IC19 | 8-759-031-84 | s IC SC7S04F |
| IC20 | 8-759-059-50 | s IC MB88351PFV |
| IC21 | 8-759-082-61 | s IC TC4W53FU |
| IC22 | 8-759-234-20 | s IC TC7S08F [for DXC-637P;EK] |
| IC23 | 8-759-234-20 | s IC TC7S08F |
| IC24 | 8-759-031-84 | s IC SC7S04F [for DXC-637P;EK] |
| IC25 | 8-759-031-84 | s IC SC7S04F |
| IC26 | 8-759-234-20 | s IC TC7S08F |
| IC27 | 8-759-035-93 | s IC TC7S32F |
| IC28 | 8-759-035-93 | s IC TC7S32F |
| L1 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L2 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L3 | 1-410-387-11 | s INDUCTOR CHIP 33uH |
| L4 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L5 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L6 | 1-410-656-11 | s INDUCTOR CHIP 150uH [for DXC-637;J, DXC-637;UC] |

(SG-232(N)/232(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--|
| L6 | 1-410-393-11 | s INDUCTOR CHIP 100uH [for DXC-637P;EK] |
| L7 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L8 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L9 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L10 | 1-410-385-11 | s INDUCTOR, CHIP 22uH |
| L11 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L12 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L13 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L14 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L15 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L16 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L17 | 1-412-280-31 | s INDUCTOR 330uH |
| L18 | 1-412-280-31 | s INDUCTOR 330uH |
| L19 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L20 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L21 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L22 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| Q1 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q2 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q3 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q4 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q5 | 8-729-403-29 | s TRANSISTOR XN6435 |
| Q6 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q7 | 8-729-141-53 | s TRANSISTOR 2SK94-X2X3X4 |
| Q8 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q9 | 8-729-403-29 | s TRANSISTOR XN6435 |
| Q10 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q11 | 8-729-402-84 | s TRANSISTOR XN4601 [for DXC-637;J, DXC-637;UC] |
| Q12 | 8-729-402-84 | s TRANSISTOR XN4601 |
| Q13 | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33 |
| Q14 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q15 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q16 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q17 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q18 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q19 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q20 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q21 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q22 | 8-729-402-78 | s TRANSISTOR XN6401 |
| Q23 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q24 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q25 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q26 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q27 | 8-729-402-78 | s TRANSISTOR XN6401 |
| Q28 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q29 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q30 | 8-729-905-24 | s TRANSISTOR 2SA1576S |
| Q31 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q32 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q33 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q34 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| R8 | 1-218-867-11 | s METAL 6.8K 0.50% 1/16W |
| R10 | 1-218-840-11 | s METAL 510 0.50% 1/16W |
| R14 | 1-218-848-11 | s METAL 1.1K 0.50% 1/16W |
| R18 | 1-218-851-11 | s METAL 1.5K 0.50% 1/16W |
| R20 | 1-211-977-11 | s METAL 22 0.50% 1/16W |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(SG-232(N)/232(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---|
| R24 | 1-218-866-11 s | METAL 6.2K 0.50% 1/16W |
| R25 | 1-218-901-11 s | METAL 180K 0.50% 1/16W |
| R27 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R29 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R36 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R42 | 1-218-901-11 s | METAL 180K 0.50% 1/16W |
| R43 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R44 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R49 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R50 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R51 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R57 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R58 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R60 | 1-218-883-11 s | METAL 33K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R63 | 1-218-837-11 s | METAL 390 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R64 | 1-218-837-11 s | METAL 390 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R65 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R70 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R72 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R73 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R74 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R75 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R76 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R77 | 1-216-857-11 s | METAL, CHIP 1M 5% 1/16W |
| R78 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R79 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R80 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R81 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R82 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W |
| R91 | 1-218-881-11 s | METAL 27K 0.50% 1/16W |
| R96 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| R98 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637P;EK] |
| R100 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R103 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R114 | 1-218-868-11 s | METAL 7.5K 0.50% 1/16W |
| R126 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R127 | 1-218-837-11 s | METAL 390 0.50% 1/16W |
| R133 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R138 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R139 | 1-218-837-11 s | METAL 390 0.50% 1/16W |
| R142 | 1-218-889-11 s | METAL 56K 0.50% 1/16W |
| R145 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W |
| R148 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R157 | 1-218-889-11 s | METAL 56K 0.50% 1/16W [for DXC-637P;EK] |
| R164 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R168 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |

(SG-232(N)/232(P) BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---|
| R171 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R177 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R189 | 1-218-867-11 s | METAL 6.8K 0.50% 1/16W [for DXC-637P;EK] |
| R191 | 1-218-845-11 s | METAL 820 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R191 | 1-218-844-11 s | METAL 750 0.50% 1/16W [for DXC-637P;EK] |
| R193 | 1-218-883-11 s | METAL 33K 0.50% 1/16W |
| R204 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W |
| R207 | 1-211-977-11 s | METAL 22 0.50% 1/16W |
| R211 | 1-218-851-11 s | METAL 1.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC] |
| R226 | 1-216-864-11 s | METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC] |
| RV1 | 1-241-262-11 s | RES, ADJ, METALT 2K |
| RV2 | 1-241-265-11 s | RES, ADJ, METALT 20K |
| RV3 | 1-238-852-11 s | RES, ADJ, METAL 470 |
| RV4 | 1-238-852-11 s | RES, ADJ, METAL 470 |
| RV5 | 1-241-263-11 s | RES, ADJ, METALT 5K |
| RV6 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| RV7 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV8 | 1-238-852-11 s | RES, ADJ, METAL 470 |
| RV9 | 1-241-263-11 s | RES, ADJ, METALT 5K |
| RV10 | 1-238-853-11 s | RES, ADJ, METAL 1K |

SW-724 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| 1pc | A-8310-953-A | o MOUNTED CIRCUIT BOARD, SW-724 |
| 1pc | 3-686-186-01 | s KNOB, MODE-SW |
| 1pc | 3-717-900-01 | s KNOB (A) (TC), SW |
| 1pc | 3-349-533-11 | o HOLDER (B), LED |
| 2pcs | 3-674-372-00 | o HOLDER (A), LED |
| C1 | 1-104-914-11 | s TANTALUM 22uF 20% 16V |
| C2 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C3 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C4 | 1-104-852-11 | s TANTALUM 22uF 20% 10V |
| C5 | 1-104-557-11 | s FILM 0.033uF 5% 16V |
| C6 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C7 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C8 | 1-163-133-00 | s CERAMIC, CHIP 470PF 5% 50V |
| C9 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C10 | 1-104-914-11 | s TANTALUM 22uF 20% 16V |
| C11 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C12 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 50V |
| C13 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 50V |
| C14 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C15 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C16 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C17 | 1-163-243-11 | s CERAMIC, CHIP 47PF 5% 50V |
| C18 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C19 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C20 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C21 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C22 | 1-104-916-11 | s TANTALUM 6.8uF 20% 20V |
| C23 | 1-135-164-21 | s TANTALUM, CHIP 22uF 20% 10V |
| C24 | 1-104-914-11 | s TANTALUM 22uF 20% 16V |
| C25 | 1-135-214-21 | s TANTAL 4.7uF 20% 20V |
| C26 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C27 | 1-135-214-21 | s TANTAL 4.7uF 20% 20V |
| C28 | 1-135-177-21 | s TANTALUM, CHIP 1uF 10% 25V |
| C29 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C30 | 1-135-214-21 | s TANTAL 4.7uF 20% 20V |
| C31 | 1-135-214-21 | s TANTAL 4.7uF 20% 20V |
| C32 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 50V |
| C34 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V |
| C35 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V |
| C36 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V |
| C37 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V |
| C38 | 1-163-038-91 | s CERAMIC 0.1uF 25V |
| C39 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| C40 | 1-104-913-11 | s TANTALUM 10uF 20% 16V |
| C41 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V |
| CN1 | 1-766-792-11 | o CONNECTOR 12P |
| CN2 | 1-766-792-11 | o CONNECTOR 12P |
| D1 | 8-719-053-49 | s DIODE TLO143 |
| D2 | 8-719-053-49 | s DIODE TLO143 |
| D3 | 8-719-053-49 | s DIODE TLO143 |
| D4 | 8-719-017-42 | s DIODE HSM88WA |
| D5 | 8-719-017-42 | s DIODE HSM88WA |
| D6 | 8-719-017-42 | s DIODE HSM88WA |
| D7 | 8-719-404-35 | s DIODE MA141WK |
| D8 | 8-719-157-33 | s DIODE RD6.2M-B |
| D11 | 8-719-404-35 | s DIODE MA141WK |
| D12 | 8-719-404-35 | s DIODE MA141WK |
| D13 | 8-719-404-35 | s DIODE MA141WK |

(SW-724 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| IC1 | 8-759-635-27 | s IC M62352GP |
| IC2 | 8-759-009-05 | s IC MC14051BF |
| IC3 | 8-759-173-16 | s IC TL062CPW |
| IC4 | 8-759-082-61 | s IC TC4W53FU |
| IC5 | 8-759-076-06 | s IC TL064CPW |
| IC6 | 8-759-009-05 | s IC MC14051BF |
| IC7 | 8-759-076-06 | s IC TL064CPW |
| IC8 | 8-759-082-61 | s IC TC4W53FU |
| IC9 | 8-759-700-07 | s IC NJM2903M |
| IC10 | 8-759-076-06 | s IC TL064CPW |
| IC11 | 8-759-009-06 | s IC MC14052BF |
| IC12 | 8-759-700-07 | s IC NJM2903M |
| IC13 | 8-759-082-61 | s IC TC4W53FU |
| IC14 | 8-759-082-61 | s IC TC4W53FU |
| IC15 | 8-759-082-61 | s IC TC4W53FU |
| L1 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L2 | 1-410-389-31 | s INDUCTOR CHIP 47uH |
| L3 | 1-410-387-11 | s INDUCTOR CHIP 33uH |
| L4 | 1-412-282-41 | s INDUCTOR 470uH |
| L5 | 1-412-282-41 | s INDUCTOR 470uH |
| Q1 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q2 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q3 | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
| Q4 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q5 | 8-729-402-78 | s TRANSISTOR XN6401 |
| Q6 | 8-729-402-19 | s TRANSISTOR XN6501 |
| Q7 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q8 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q11 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q12 | 8-729-800-37 | s TRANSISTOR 2SD1048-X7 |
| Q13 | 8-729-807-87 | s TRANSISTOR 2SB1295-UL6 |
| R1 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R2 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R3 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R4 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R5 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R6 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R7 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R8 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R9 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R10 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R11 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R12 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R13 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R14 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R15 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R16 | 1-216-089-00 | s METAL, CHIP 47K 5% 1/10W |
| R17 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R18 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R19 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R20 | 1-216-075-00 | s METAL, CHIP 12K 5% 1/10W |
| R21 | 1-216-073-00 | s METAL, CHIP 10K 5% 1/10W |
| R22 | 1-216-097-00 | s METAL, CHIP 100K 5% 1/10W |
| R23 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R24 | 1-216-097-00 | s METAL, CHIP 100K 5% 1/10W |
| R25 | 1-216-081-00 | s METAL, CHIP 22K 5% 1/10W |
| R26 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |

Please see page D-13 for the part numbers of resistor that is not the parts list.

(SW-724 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R27 | 1-216-095-00 s | METAL, CHIP 82K 5% 1/10W |
| R28 | 1-216-079-00 s | METAL, CHIP 18K 5% 1/10W |
| R29 | 1-216-079-00 s | METAL, CHIP 18K 5% 1/10W |
| R30 | 1-216-069-00 s | METAL, CHIP 6.8K 5% 1/10W |
| R31 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R32 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R33 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R34 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R35 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R36 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R37 | 1-216-049-91 s | METAL 1K 5% 1/10W |
| R38 | 1-216-049-91 s | METAL 1K 5% 1/10W |
| R39 | 1-216-049-91 s | METAL 1K 5% 1/10W |
| R40 | 1-216-025-91 s | METAL 100 5% 1/10W |
| R41 | 1-216-083-00 s | METAL, CHIP 27K 5% 1/10W |
| R42 | 1-216-689-11 s | METAL, CHIP 39K 0.5% 1/10W |
| R43 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R44 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |
| R45 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |
| R46 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |
| R47 | 1-216-069-00 s | METAL, CHIP 6.8K 5% 1/10W |
| R48 | 1-216-089-00 s | METAL, CHIP 47K 5% 1/10W |
| R49 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |
| R50 | 1-216-083-00 s | METAL, CHIP 27K 5% 1/10W |
| R51 | 1-216-079-00 s | METAL, CHIP 18K 5% 1/10W |
| R52 | 1-216-089-00 s | METAL, CHIP 47K 5% 1/10W |
| R53 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R54 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R55 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |
| R56 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R57 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R58 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R59 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R60 | 1-208-800-11 s | METAL 5.6K 0.50% 1/10W |
| R61 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R62 | 1-216-677-11 s | METAL, CHIP 12K 0.5% 1/10W |
| R64 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R65 | 1-216-069-00 s | METAL, CHIP 6.8K 5% 1/10W |
| R66 | 1-216-105-91 s | METAL 220K 5% 1/10W |
| R67 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R68 | 1-216-025-91 s | METAL 100 5% 1/10W |
| R69 | 1-216-049-91 s | METAL 1K 5% 1/10W |
| R70 | 1-208-810-11 s | METAL 15K 0.50% 1/10W |
| R71 | 1-208-806-11 s | METAL 10K 0.50% 1/10W |
| R72 | 1-216-025-91 s | METAL 100 5% 1/10W |
| R73 | 1-216-699-11 s | METAL, CHIP 100K 0.5% 1/10W |
| R74 | 1-216-065-00 s | METAL, CHIP 4.7K 5% 1/10W |
| R75 | 1-216-065-00 s | METAL, CHIP 4.7K 5% 1/10W |
| R76 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R77 | 1-208-817-11 s | METAL 30K 0.50% 1/10W |
| R78 | 1-208-806-11 s | METAL 10K 0.50% 1/10W |
| R79 | 1-208-814-11 s | METAL 22K 0.50% 1/10W |
| R80 | 1-216-065-00 s | METAL, CHIP 4.7K 5% 1/10W |
| R81 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R82 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R83 | 1-216-089-00 s | METAL, CHIP 47K 5% 1/10W |
| R84 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R85 | 1-216-089-00 s | METAL, CHIP 47K 5% 1/10W |
| R86 | 1-216-085-00 s | METAL, CHIP 33K 5% 1/10W |

(SW-724 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R87 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R88 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R89 | 1-216-077-00 s | METAL, CHIP 15K 5% 1/10W |
| R90 | 1-216-067-00 s | METAL, CHIP 5.6K 5% 1/10W |
| R91 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R92 | 1-216-049-91 s | METAL 1K 5% 1/10W |
| R93 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R94 | 1-216-659-11 s | METAL, CHIP 2.2K 0.5% 1/10W |
| R95 | 1-216-659-11 s | METAL, CHIP 2.2K 0.5% 1/10W |
| R96 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R98 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R99 | 1-208-810-11 s | METAL 15K 0.50% 1/10W |
| R100 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R101 | 1-216-671-11 s | METAL, CHIP 6.8K 0.5% 1/10W |
| R102 | 1-216-065-00 s | METAL, CHIP 4.7K 5% 1/10W |
| R103 | 1-216-071-00 s | METAL, CHIP 8.2K 5% 1/10W |
| R104 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R105 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R106 | 1-216-081-00 s | METAL, CHIP 22K 5% 1/10W |
| R107 | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W |
| R108 | 1-216-075-00 s | METAL, CHIP 12K 5% 1/10W |
| R109 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R110 | 1-216-089-00 s | METAL, CHIP 47K 5% 1/10W |
| R111 | 1-216-065-00 s | METAL, CHIP 4.7K 5% 1/10W |
| R112 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R119 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R121 | 1-216-073-00 s | METAL, CHIP 10K 5% 1/10W |
| R122 | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W |
| R123 | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W |
| R124 | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W |
| R125 | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W |
| R126 | 1-208-810-11 s | METAL 15K 0.50% 1/10W |
| R127 | 1-216-661-11 s | METAL, CHIP 2.7K 0.5% 1/10W |
| R128 | 1-208-822-11 s | METAL 47K 0.50% 1/10W |
| R129 | 1-216-699-11 s | METAL, CHIP 100K 0.5% 1/10W |
| R130 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R131 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| R132 | 1-216-097-00 s | METAL, CHIP 100K 5% 1/10W |
| RV1 | 1-238-856-11 s | RES, ADJ, METAL 10K |
| RV2 | 1-238-855-11 s | RES, ADJ, METAL 4.7K |
| RV3 | 1-238-857-11 s | RES, ADJ METAL 22K |
| RV4 | 1-238-854-11 s | RES, ADJ, METAL 2.2K |
| S1 | 1-570-851-11 s | SWITCH, SLIDE |
| S2 | 1-554-303-21 s | SWITCH, TACTILE |
| S3 | 1-570-854-11 s | SWITCH, SLIDE |
| S4 | 1-571-404-11 s | SWITCH, KEY BOARD |
| S5 | 1-570-859-11 s | SWITCH, SLIDE |
| S6 | 1-570-859-11 s | SWITCH, SLIDE |
| S7 | 1-553-875-00 s | SWITCH, RUBBER |
| S8 | 1-570-859-11 s | SWITCH, SLIDE |
| S9 | 1-553-875-00 s | SWITCH, RUBBER |
| S10 | 1-553-875-00 s | SWITCH, RUBBER |
| S11 | 1-570-851-11 s | SWITCH, SLIDE |
| S12 | 1-570-282-21 s | SWITCH, KEY BOARD |
| S13 | 1-570-865-11 s | SWITCH, SLIDE |
| S14 | 1-553-977-00 s | SWITCH, SLIDE |
| S15 | 1-570-859-11 s | SWITCH, SLIDE |
| S16 | 1-553-977-00 s | SWITCH, SLIDE |

(SW-724 BOARD)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------|
| S18 | 1-570-282-21 | s SWITCH, KEY BOARD |

SW-728 BOARD

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | A-8310-947-A | o MOUNTED CIRCUIT BOARD, SW-728 |
| R1 | 1-215-461-00 | s METAL 47K 1% 1/6W |
| R2 | 1-215-425-00 | s METAL 1.5K 1% 1/6W |
| R3 | 1-215-457-00 | s METAL 33K 1% 1/6W |
| R4 | 1-215-441-00 | s METAL 6.8K 1% 1/6W |
| R5 | 1-215-453-00 | s METAL 22K 1% 1/6W |
| R6 | 1-215-461-00 | s METAL 47K 1% 1/6W |
| R7 | 1-215-373-31 | s METAL 10 1% 1/6W |
| R8 | 1-215-425-00 | s METAL 1.5K 1% 1/6W |
| S1 | 1-570-985-11 | s SWITCH, TOGGLE |
| S2 | 1-570-985-11 | s SWITCH, TOGGLE |
| S3 | 1-570-985-11 | s SWITCH, TOGGLE |
| S4 | 1-571-396-11 | s SWITCH, TOGGLE |
| W1 | 1-954-552-11 | o HARNESS, SUB (SW-1) |

FRAME

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------------------|---------------------------------|
| 1pc | 1-547-259-11 | o FILTER UNIT, OPTICAL |
| 1pc | 1-954-548-11 | o HARNESS, SUB (FL) (SE-MB) |
| 1pc | 1-473-244-11 | s CONVERTER UNIT, DC-DC |
| 1pc | 1-769-710-11 | o CABLE, FLAT (1 MM) |
| 1pc | 1-954-549-12 | o HARNESS, SUB (LENS) |
| 1pc | 1-954-550-13 | o HARNESS, SUB (CNP) |
| CN100 | 1-563-947-11 | s CONNECTOR 12P FEMALE "LENS" |
| CN101 | 1-562-782-21 | s CONNECTOR 10P FEMALE "REMOTE" |
| CN102 | 1-507-858-31 | o JACK, PIN 1P "MONITOR OUT" |
| CN103 | 1-561-781-11 | s CONNECTOR, BNC "VIDEO OUT" |
| CN4F(to | MB-597(N)/MB-597(P) board) | |
| | 1-569-201-21 | o HOUSING, 8P |
| | 1-569-193-11 | o CONTACT, AWG24-30 |
| CN11F(to | MB-597(N)/MB-597(P) board) | |
| | 1-569-205-11 | o PLUG HOUSING, 12P |
| | 1-569-193-11 | o CONTACT, AWG24-30 |
| CN20F(to | MB-597(N)/MB-597(P) board) | |
| | 1-569-195-21 | o HOUSING, 2P |
| | 1-569-191-11 | o CONTACT, AWG22-26 |
| | 1-569-193-11 | o CONTACT, AWG24-30 |
| FB101 | 1-500-169-11 | o CORE (FPC) |
| FB102 | 1-543-786-11 | s CLAMP, SLEEVE FERRITE |

EXPLODED VIEW (VCL-916BYA)

VCL-916BYA

| No. | Part No. | SP Description |
|-----|--------------|----------------|
| 1 | 3-707-245-01 | o CAP, HOOD |
| 2 | 3-707-246-01 | o CAP, DUST |
| 3 | 3-707-247-01 | o LEVER, ZOOM |
| 4 | 3-708-171-01 | o HOOD, LENS |

